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EXEMPLE DE PROGRAMMATION
POUR UN LOGICIEL
D'ENTREPRISE

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INTRODUCTION

Vous verrez dans ce document le dessin et le code Visual Basic de création et de programmation de fenêtres article et modèle, un exemple à suivre pour toute création de page d'entreprise. Cela comprend la mise en mouvement de l'application avec ses requêtes SQL pour une base de données Access, la lecture de fichiers .ini pour les paramètres et le multilinguisme. Le but est d'apprendre à utiliser un langage de programmation en s'inspirant d'un code éprouvé.

LE DESSIN DES FENETRES

LA FENETRE ARTICLE

Article Entry

Article Number

Article Name

Description

Packaging type

VAT

Type d'article

Lower Rank Item Number

Lower Rank Item Name

Lower Rank Quantity

Quantity Type

Quick Search

Short Name

Article Type

Purchased Product

Semi Finished Product

Finished Product

Fixed Price

Weight type

Variable Weight

Fixed weight

	Supplier Number	Supplier Name	Model Number	Model Name	Price	Price Type	Delivery Time
*							

	Model Number	Model Name	Price	Price Type
*				

	Customer Number	Customer Name	Model Number	Model Name	Price	Price Type	Delivery Time
*							

Save Delete Quit

LA FENETRE MODELE

Model Entry

Model Number

Model Name

Description

Bar Code

Quick Search

Short Name

rating

Price

Quality

Environnement

origin

customer satisfaction

Save Delete Quit

	Range Rank	Range Number	Range Name
*			

	Technical Characteristic Nb	Technical Characteristic Name	Value	Value Type
*				

Size

Lenght M

Width M

Height M

Weight Kg

Volume M3

VARIABLES GLOBALES

Module VariablesGlobales

'déclaration des variables globales

Public NumLangueEnCours As Integer

Public NumLangueDem As Integer

Public DIR_PARAM As String

Public FICH_LANGUE As String

Public FICH_AFFICHAGE As String

Public FICH_PARAM As String

Public Const NbLangue = 4

Public PassageCleForm As String

Public variable As Integer

Public Utilisateur As String

Public NoUtilisateur As Int16

Public LangueUtilisateur As Int16

Public SaisieAutorisee As Int16

Public GestionAutorisee As Int16

Public EditionsAurisees As Int16

Public StocksAutorises As Int16

Public SaisieEntreesAutorisee As Int16

Public SuperviseurReceptionAutorise As Int16

Public ConnectionEDIAutorisee As Int16

Public SuperviseurExpeditionsAutorise As Int16

Public superviseurProductionAutorise As Int16

Public VisuStatistiquesAutorise As Int16

End Module

LA CREATION DES TABLES

Sub CreationTableArticle()

```
sql = "CREATE TABLE Article" & DataBaseManagement.NoProjet.Text & "  
(NoArticle INT PRIMARY KEY NOT NULL, NoProjet INT, NomArticle VARCHAR(20),  
RechercheNomArticle VARCHAR(10), TypeArticle INT, Description VARCHAR(60),  
PrixFixe INT, PoidsVariable INT, CategorieArticle VARCHAR(20), TypeConditionnement  
VARCHAR(10), NoArticleCondInf INT, QuantiteCondInf DOUBLE, TypeQuantiteCondInf  
VARCHAR(10), TVA VARCHAR(6))"
```

```
NomTable = "Article"
```

```
Requete()
```

End Sub

Sub DropTableArticle()

```
sql = "DROP TABLE Article" & DataBaseManagement.NoProjet.Text
```

```
NomTable = "Article"
```

```
Requete()
```

End Sub

Sub CreationTableModele()

```
sql = "CREATE TABLE Modele" & DataBaseManagement.NoProjet.Text & "  
(TypeModele INT PRIMARY KEY NOT NULL, NoProjet INT, Qualite INT, Environnement  
INT, Origine INT, Prix INT, SatisfactionClient INT, NomModele VARCHAR(20),  
RechercheNomModele VARCHAR(10), Longueur DOUBLE, Largeur DOUBLE, Hauteur  
DOUBLE, Poids DOUBLE, Volume DOUBLE, CodeBarre VARCHAR(20), Description  
VARCHAR(60))"
```

```
NomTable = "Modele"
```

```
Requete()
```

End Sub

Sub DropTableModele()

```
sql = "DROP TABLE Modele" & DataBaseManagement.NoProjet.Text
```

```
NomTable = "Modele"
```

```
Requete()
```

End Sub

Sub CreationTableTypeQuantite()

```
sql = "CREATE TABLE TypeQuantite (NoTypeQuantite INT NOT NULL  
IDENTITY(1, 1) PRIMARY KEY, NomTypeQuantite VARCHAR(10))"
```

```
NomTable = "TypeQuantite"  
Requete()  
End Sub
```

```
Sub DropTableTypeQuantite()  
    sql = "DROP TABLE TypeQuantite"  
    NomTable = "TypeQuantite"  
    Requete()  
  
End Sub
```

```
Sub CreationTableTypePrix()  
    sql = "CREATE TABLE TypePrix (NoTypePrix INT NOT NULL IDENTITY(1, 1)  
PRIMARY KEY, NomTypePrix VARCHAR(10))"  
    NomTable = "TypeArticle"  
    Requete()  
End Sub
```

```
Sub DropTableTypePrix()  
    sql = "DROP TABLE TypePrix"  
    NomTable = "TypePrix"  
    Requete()  
  
End Sub
```

```
Sub CreationTableLiaisonArticleClient()  
    sql = "CREATE TABLE LiaisonArticleClient" & DataBaseManagement.NoProjet.Text  
& " (NoLiaisonArticleClient INT NOT NULL IDENTITY(1, 1) PRIMARY KEY, NoArticle  
INT, NoClient INT, TypeModele INT, PrixClient DOUBLE, TypePrix VARCHAR(10),  
DelaisDeLivraison DOUBLE)"  
    NomTable = "LiaisonArticleClient"  
    Requete()  
End Sub
```

```
Sub DropTableLiaisonArticleClient()  
    sql = "DROP TABLE LiaisonArticleClient" & DataBaseManagement.NoProjet.Text  
    NomTable = "LiaisonArticleClient"  
    Requete()  
  
End Sub
```

```
Sub CreationTableLiaisonArticleFournisseur()
```

```
sql = "CREATE TABLE LiaisonArticleFournisseur" &  
DataBaseManagement.NoProjet.Text & " (NoLiaisonArticleFournisseur INT NOT NULL  
IDENTITY(1, 1) PRIMARY KEY, NoArticle INT, NoFournisseur INT, TypeModele INT,  
PrixFournisseur DOUBLE, TypePrix VARCHAR(10), DelaisDeLivraison DOUBLE)"  
NomTable = "LiaisonArticleFournisseur"  
Requete()  
End Sub
```

```
Sub DropTableLiaisonArticleFournisseur()  
sql = "DROP TABLE LiaisonArticleFournisseur" &  
DataBaseManagement.NoProjet.Text  
NomTable = "LiaisonArticleFournisseur"  
Requete()
```

End Sub

```
Sub CreationTableLiaisonArticleModele()  
sql = "CREATE TABLE LiaisonArticleModele" & DataBaseManagement.NoProjet.Text  
& " (NoLiaisonArticleModele INT NOT NULL IDENTITY(1, 1) PRIMARY KEY,  
NoArticle INT, TypeModele INT, Prix DOUBLE, TypePrix VARCHAR(10),  
DelaisDeLivraison DOUBLE)"  
NomTable = "LiaisonArticleModele"  
Requete()  
End Sub
```

```
Sub DropTableLiaisonArticleModele()  
sql = "DROP TABLE LiaisonArticleModele" & DataBaseManagement.NoProjet.Text  
NomTable = "LiaisonArticleModele"  
Requete()
```

End Sub

```
Sub CreationTableLiaisonModeleGamme()  
sql = "CREATE TABLE LiaisonModeleGamme" &  
DataBaseManagement.NoProjet.Text & " (NoLiaisonModeleGamme INT NOT NULL  
IDENTITY(1, 1) PRIMARY KEY, TypeModele INT, NoGamme INT, RangGamme INT)"  
NomTable = "LiaisonModeleGamme"  
Requete()  
End Sub
```

```
Sub DropTableLiaisonModeleGamme()
```

```
sql = "DROP TABLE LiaisonModeleGamme" & DataBaseManagement.NoProjet.Text  
NomTable = "LiaisonModeleGamme"  
Requete()
```

End Sub

```
Sub CreationTableLiaisonModeleCarTech()
```

```
    sql = "CREATE TABLE LiaisonModeleCarTech" &  
    DataBaseManagement.NoProjet.Text & " (NoLiaisonModeleCarTech INT NOT NULL  
    IDENTITY(1, 1) PRIMARY KEY, TypeModele INT, ValeurVoulue DOUBLE,  
    NoCaracteristiqueTechnique INT, TypeValeur VARCHAR(10))"
```

```
    NomTable = "Liaison ModeleCarTech"
```

```
    Requete()
```

End Sub

```
Sub DropTableLiaisonModeleCarTech()
```

```
    sql = "DROP TABLE LiaisonModeleCarTech" & DataBaseManagement.NoProjet.Text  
    NomTable = "LiaisonModeleCarTech"
```

```
    Requete()
```

End Sub

LA LECTURE DES FICHIERS .INI

LES CODES DE LA LECTURE D'UN FICHER .INI

```
Imports System.Runtime.InteropServices.Marshal
Imports System.Net.Sockets
Imports System.Net
```

```
Module OuvertureDB
```

```
End Module
```

```
Module FonctionsGlobales
```

```
Private Declare Function GetPrivateProfileString Lib "kernel32.dll" Alias
"GetPrivateProfileStringA" (ByVal lpApplicationName As String, ByVal lpKeyName As
String, ByVal lpDefault As String, ByVal lpReturnedString As String, ByVal nSize As Short,
ByVal lpFileName As String) As Integer
```

```
Private Declare Function WritePrivateProfileString Lib "kernel32.dll" Alias
"WritePrivateProfileStringA" (ByVal lpApplicationName As String, ByVal lpKeyName As
String, ByVal lpString As String, ByVal lpFileName As String) As Long
```

```
'Lire un fichier INI
```

```
Public Function LireINI(ByVal StCheminInfFichierINI As String, ByVal StSection As
String, ByVal StCle As String)
Dim stRetour As String
Dim valRetour As String
```

```
Declare Function GetUserName Lib "advapi32.dll" Alias "GetUserNameA" (ByVal
lpBuffer As String, ByRef nSize As Integer) As Integer
```

```
' Declare Sub SetData Lib "..\LIB\UnmugdLib.dll" (ByVal x As Short,
<System.Runtime.InteropServices.MarshalAsAttribute(System.Runtime.InteropServices.Unm
anagedType.AsAny)> ByVal o As Object)
```

```
' declare Function GetPrivateProfileString Lib "kernel32" Alias
"GetPrivateProfileStringA" (ByVal lpApplicationName As String, ByVal lpKeyName As
Any, ByVal lpDefault As String, ByVal lpReturnedString As String, ByVal nSize As Short,
ByVal lpFileName As String) As Integer
```

```
' Declare Function WritePrivateProfileString Lib "kernel32" Alias  
"WritePrivateProfileStringA" (ByVal lpApplicationName As String, ByVal lpKeyName As  
String, ByVal lpString As String, ByVal lpFileName As String) As Long
```

```
Try  
    stRetour = StrDup(255, Chr(0))  
    GetPrivateProfileString(StSection, StCle, "", stRetour, Len(stRetour),  
StCheminInfFichierINI)
```

```
    valRetour = Left(stRetour, stRetour.IndexOf(Chr(0)))
```

```
Return valRetour
```

```
Catch ex As Exception
```

```
    MsgBox("Error lire INI" & ex.Message, MsgBoxStyle.Critical)
```

```
End Try
```

```
End Function
```

```
'Ecrire un fichier INI
```

```
Public Function EcrireINI(ByVal StCheminInfFichierINI As String, ByVal StSection As  
String, ByVal StCle As String, ByVal StValeur As String) As String
```

```
    ' EcrireINI = WritePrivateProfileString(StSection, StCle, StValeur,  
StCheminInfFichierINI)
```

```
    " End Function
```

```
End Module
```

MISE DANS LES TABLEAUX DES DONNEES DES FICHIERS .INI

```
Sub LectureFichierLangue()
```

```
Try
```

```
    ' DIR_PARAM = "C:\Users\d\Documents\WMI\WMI VB\WMI 1\WMI  
1\FichiersINI"
```

```
    DIR_PARAM = TableauParametres.Parametres(0).Données(0).Adr & "\"
```

```
    FICH_LANGUE = "FichierLangue.ini"
```

```

' Lecture du numéro de langue
NumLangueEnCours = CInt(LireINI(DIR_PARAM & FICH_LANGUE, "Entete",
"NumLang"))
If (NumLangueEnCours < 1) Or (NumLangueEnCours > 4) Then
    NumLangueDem = 1
Else
    NumLangueDem = NumLangueEnCours
End If

Catch ex As Exception
    MsgBox("Erreur lecture fichier" & DIR_PARAM & FICH_LANGUE)

End Try

End Sub

Sub LectureFichierAffichage()
    Dim i As Integer
    Dim j As Integer
    Dim k As Integer

    Try
        DIR_PARAM = TableauParametres.Parametres(0).Données(0).Adr & "\"

        FICH_AFFICHAGE = "FichierAffichage.ini"
        TableauAffichage.NbGroup = CInt(LireINI(DIR_PARAM & FICH_AFFICHAGE,
"Entete", "NbSection"))
        Redimensionnement du fichier affichage
        ReDim TableauAffichage.GroupAffichage(TableauAffichage.NbGroup - 1)
        For i = 0 To TableauAffichage.NbGroup - 1
            ReDim TableauAffichage.GroupAffichage(i).NomGroup(NbLangue - 1)
            For k = 0 To NbLangue - 1
                TableauAffichage.GroupAffichage(i).NomGroup(k) = LireINI(DIR_PARAM &
FICH_AFFICHAGE, "Section" & CStr(i + 1), "L" & CStr(k + 1) & "NomSection")

            Next k

            TableauAffichage.GroupAffichage(i).NbCle = CInt(LireINI(DIR_PARAM &
FICH_AFFICHAGE, "Section" & CStr(i + 1), "NbCleSection"))

```

```

        ReDim
TableauAffichage.GroupAffichage(i).Donnees(TableauAffichage.GroupAffichage(i).NbCle -
1)
        For j = 0 To TableauAffichage.GroupAffichage(i).NbCle - 1
            ReDim TableauAffichage.GroupAffichage(i).Donnees(j).Libelle(NbLangue - 1)
            For k = 0 To NbLangue - 1
                TableauAffichage.GroupAffichage(i).Donnees(j).Libelle(k) =
LireINI(DIR_PARAM & FICH_AFFICHAGE, "Section" & CStr(i + 1), "L" & CStr(k + 1) &
"NomCle" & CStr(j + 1))
            Next k
        Next j

    Next i

    Catch ex As Exception
        MsgBox("erreur de lecture du fichier " & FICH_AFFICHAGE)
    End Try

End Sub
''' <summary>
''' Read INI file : Settings
''' Fonction de lecture du fichier Parametres.ini
''' </summary>
''' <remarks>Creation d'un tableau permettant de stocker les informations</remarks>
Sub LectureFichierParametres()

    Dim i As Integer
    Dim j As Integer

    Try
        DIR_PARAM = "C:\temp\"

        FICH_PARAM = "Parametres.ini"

        TableauParametres.NbParametres = 0

        'Lecture du nombre de section
        StrNbSection = LireINI(DIR_PARAM & FICH_PARAM, "Entete", "NbSection")
        NbSection = CInt(StrNbSection)

        'Redimensionnement du tableau en fonction du Nb de section
        ReDim TableauParametres.Parametres(NbSection - 1)

```

```

Redimensionnement du tableau en fonction du Nb de section
For i = 0 To NbSection - 1
    ReDim TableauParametres.Parametres(i).Données(CInt(LireINI(DIR_PARAM &
FICH_PARAM, "Section" & CStr(i + 1), "NbCle"))) - 1)

Next i

'Affectation du nombre de groupe
TableauParametres.NbGroup = NbSection
TableauParametres.NbParametres = 0

'Lecture des valeurs du fichier parametre
For i = 0 To TableauParametres.NbGroup - 1
    'On redimensionne le tableau en fonction du nombre de langue
    ReDim TableauParametres.Parametres(i).NomGroupParametreL(NbLangue - 1)
    For k = 0 To NbLangue - 1
        'On récupère les libellés des sections dans les différentes langues
        TableauParametres.Parametres(i).NomGroupParametreL(k) =
LireINI(DIR_PARAM & FICH_PARAM, "Section" & CStr(i + 1), "L" & k + 1 &
"NomSection")
    Next k
    'On récupère le type de la section : sécurisée par mot de passe ou non
    TableauParametres.Parametres(i).Securise = LireINI(DIR_PARAM &
FICH_PARAM, "Section" & CStr(i + 1), "TypeSection")
    'On récupère le nombre de parametres de la section
    TableauParametres.Parametres(i).NbParametreGroup = LireINI(DIR_PARAM &
FICH_PARAM, "Section" & CStr(i + 1), "NbCle")
    'On incrémente le nombre de parametres total de la cellule
    TableauParametres.NbParametres = TableauParametres.NbParametres +
TableauParametres.Parametres(i).NbParametreGroup

    'On balaie tous les parametres de la section
    For j = 0 To TableauParametres.Parametres(i).NbParametreGroup - 1
        'On récupère l'adresse du parametre
        TableauParametres.Parametres(i).Données(j).Adr = LireINI(DIR_PARAM &
FICH_PARAM, "Section" & CStr(i + 1), "AdrCle" & CStr(j + 1))
        'On redimensionne le tableau en fonction du nombre de langue
        ReDim TableauParametres.Parametres(i).Données(j).LibelleL(NbLangue - 1)
        For k = 0 To NbLangue - 1
            'On récupère le libellé du parametre dans les différentes langues
            TableauParametres.Parametres(i).Données(j).LibelleL(k) =
LireINI(DIR_PARAM & FICH_PARAM, "Section" & CStr(i + 1), "L" & k + 1 & "NomCle"
& CStr(j + 1))
        Next k
    Next j
Next i

```

```

        Next k
        ' If (TableauParametres.NbParametres <
TableauParametres.Parametres(i).Données(j).Adr) Then
            TableauParametres.NbParametres =
TableauParametres.Parametres(i).Données(j).Adr
        ' End If

    Next j
Next i

' TableauParametres.NbParametres = TableauParametres.NbParametres + 1
' Lecture Adresse du DB des parametres
' AdresseDB = LireINI(DIR_PARAM & FIC_PARAM, "Entete", "AdresseDB")
' DebutDB = LireINI(DIR_PARAM & FIC_PARAM, "Entete", "DebutDB")

DBParametreApplicom = Val(AdresseDB)
' OperandeParametreApplicom = Val(DebutDB)
NbParametreApplicom = TableauParametres.NbParametres
'KEP
'AdrParametreOPC = S7 & AdresseDB & "," & DebutDB & "[" &
(CStr(TableauParametres.NbParametres)) & "]"
'S7
'AdrParametreOPC = S7 & AdresseDB & "," & DebutDB & "," &
(CStr(TableauParametres.NbParametres))

Catch ex As Exception
    MsgBox("Erreur lecture fichier " & FICH_PARAM, vbOKOnly, "IHM")
End Try

End Sub

Sub LectureFichierOperateurs()

Dim i As Integer
Dim j As Integer

Try
    DIR_PARAM = TableauParametres.Parametres(0).Données(0).Adr & "\"
    FICH_PARAM = "FichierOperateurs.ini"

```

```

TableauParametres.NbParametres = 0

'Lecture du nombre de section
StrNbSection = LireINI(DIR_PARAM & FICH_PARAM, "Entete", "NbSection")
NbSection = CInt(StrNbSection)

'Redimensionnement du tableau en fonction du Nb de section
ReDim TableauOperateurs.Operateurs(NbSection - 1)

'Redimensionnement du tableau en fonction du Nb de section
For i = 0 To NbSection - 1
    ReDim TableauOperateurs.Operateurs(i).Donnees(CInt(LireINI(DIR_PARAM &
FICH_PARAM, "Section" & CStr(i + 1), "NbCle")) - 1)

Next i

'Affectation du nombre de groupe
TableauOperateurs.NbGroup = NbSection
TableauOperateurs.NbOperateurs = 0

'Lecture des valeurs du fichier parametre
For i = 0 To TableauOperateurs.NbGroup - 1
    'On redimensionne le tableau en fonction du nombre de langue
    ReDim TableauOperateurs.Operateurs(i).NomGroupOperateursL(NbLangue - 1)
    For k = 0 To NbLangue - 1
        'On récupère les libellés des sections dans les différentes langues
        TableauOperateurs.Operateurs(i).NomGroupOperateursL(k) =
LireINI(DIR_PARAM & FICH_PARAM, "Section" & CStr(i + 1), "L" & CStr(k + 1) &
"NomSection")
    Next k
    'On récupère le type de la section : sécurisée par mot de passe ou non
    TableauOperateurs.Operateurs(i).CodeSecret = LireINI(DIR_PARAM &
FICH_PARAM, "Section" & CStr(i + 1), "TypeSection")
    'On récupère le nombre de parametres de la section
    TableauOperateurs.Operateurs(i).NbOperateursGroup = LireINI(DIR_PARAM &
FICH_PARAM, "Section" & CStr(i + 1), "NbCle")
    "On incrémente le nombre de parametres total de la cellule
    TableauParametres.NbParametres = TableauParametres.NbParametres +
TableauParametres.Parametres(i).NbParametreGroup

    'On balaie tous les parametres de la section
    For j = 0 To TableauOperateurs.Operateurs(i).NbOperateursGroup - 1

```

```

'On récupère l'adresse du parametre
TableauOperateurs.Operateurs(i).Donnees(j).Adr = LireINI(DIR_PARAM &
FICH_PARAM, "Section" & CStr(i + 1), "AdrCle" & CStr(j + 1))
'On redimensionne le tableau en fonction du nombre de langue
ReDim TableauOperateurs.Operateurs(i).Donnees(j).Param(NbLangue - 1)
For k = 0 To NbLangue - 1
'On récupère le libellé du parametre dans les différentes langues
TableauOperateurs.Operateurs(i).Donnees(j).Param(k) =
LireINI(DIR_PARAM & FICH_PARAM, "Section" & CStr(i + 1), "L" & k + 1 & "NomCle"
& CStr(j + 1))
Next k
' If (TableauParametres.NbParametres <
TableauParametres.Parametres(i).Données(j).Adr) Then
TableauParametres.NbParametres =
TableauParametres.Parametres(i).Données(j).Adr
' End If

Next j
Next i

```

```

' TableauParametres.NbParametres = TableauParametres.NbParametres + 1
'Lecture Adresse du DB des parametres
' AdresseDB = LireINI(DIR_PARAM & FIC_PARAM, "Entete", "AdresseDB")
' DebutDB = LireINI(DIR_PARAM & FIC_PARAM, "Entete", "DebutDB")

'DBParametreApplicom = Val(AdresseDB)
' OperandeParametreApplicom = Val(DebutDB)
'NbParametreApplicom = TableauParametres.NbParametres
'KEP
'AdrParametreOPC = S7 & AdresseDB & "," & DebutDB & "[" &
(CStr(TableauParametres.NbParametres)) & "]"
'S7
'AdrParametreOPC = S7 & AdresseDB & "," & DebutDB & "," &
(CStr(TableauParametres.NbParametres))

```

Catch ex As Exception

```

MsgBox("Erreur lecture fichier " & FICH_PARAM, vbOKOnly, "IHM")
End Try

```

End Sub

LES FICHIERS .INI

LE FICHER PARAMETRES

FICHER PARAMETRES

**** LEGENDE ****

[SectionXX]

L1NomSection = Regroupement des parametres

L2NomSection = Settings group

L3NomSection =

L4NomSection =

TypeSection = Type de la section (0 : non protege/ 1: Protege) / Type of the section (0 : Unprotected / 1: Protected)

NbCleSection = Nombre de parametres dans cette section / Number of settings in this group

L1NomCle1 = Libellé du parametre / Name of the parameter

L2NomCle1 =

L3NomCle1 = PARAMETRE ADI

L4NomCle1 =

AdrCle = Adresse dans le DB93 / PLC Adress in the DB93

[Entete]

NbSection =1

AdresseDB = DB93

DebutDB = INT0

NBWordDB = 32

[Section1]

L1NomSection =chemin de paramétrage

L2NomSection =

L3NomSection =

L4NomSection =

TypeSection = 1

NbCle =6

L1NomCle1 =Chemin des fichiers ini

L2NomCle1 =

L3NomCle1 =

L4NomCle1 =
AdrCle1 =C:\Users\d\Documents\WMI 1\WMI 1\FichiersINI

L1NomCle2 =Chemin de la Base de donnée
L2NomCle2 =
L3NomCle2 =
L4NomCle2 =
AdrCle2 =C:\Users\d\Documents\WMIClient.accdb

L1NomCle3 =Nom de la base de donnée
L2NomCle3 =
L3NomCle3 =
L4NomCle3 =
AdrCle3 =1

L1NomCle4 =Type de base de donnée
L2NomCle4 =
L3NomCle4 =
L4NomCle4 =
AdrCle4 =2

L1NomCle5 =Chemin des logos
L2NomCle5 =
L3NomCle5 =
L4NomCle5 =
AdrCle5 =C:\Users\d\Documents\Logos

L1NomCle6 =Chemin des Articles
L2NomCle6 =
L3NomCle6 =
L4NomCle6 =
AdrCle6 =C:\Users\d\Documents\Articles

LE FICHER AFFICHAGE (MULTILINGUISME DES LABELS)

FICHER AFFICHAGE DES LANGUES

[Entete]

NbSection = 5

[Section1]

L1NomSection = page principale

L2NomSection = main page

L3NomSection =

L4NomSection =

NbCleSection = 241

L1NomCle1 = Fichier

L2NomCle1 = File

L3NomCle1 =

L4NomCle1 =

L1NomCle2 = Utilisateur

L2NomCle2 = User

L3NomCle2 =

L4NomCle2 =

L1NomCle3 = Droits

L2NomCle3 = Rights

L3NomCle3 =

L4NomCle3 =

L1NomCle4 = Langage

L2NomCle4 = Language

L3NomCle4 =

L4NomCle4 =

L1NomCle5 = Administrateur

L2NomCle5 = Administrator

L3NomCle5 =

L4NomCle5 =

L1NomCle6 = Utilisateur

L2NomCle6 = User

L3NomCle6 =

L4NomCle6 =

L1NomCle7 = Saisie Données

L2NomCle7 = Data Entry

L3NomCle7 =

L4NomCle7 =

L1NomCle8 = Entreprise
L2NomCle8 = Company
L3NomCle8 =
L4NomCle8 =

L1NomCle9 = Atelier
L2NomCle9 = Workshop
L3NomCle9 =
L4NomCle9 =

L1NomCle10 = Poste
L2NomCle10 = Workplace
L3NomCle10 =
L4NomCle10 =

L1NomCle11 = Article
L2NomCle11 = Item
L3NomCle11 =
L4NomCle11 =

L1NomCle12 = Modèle
L2NomCle12 = Model
L3NomCle12 =
L4NomCle12 =

L1NomCle13 = Site
L2NomCle13 = Site
L3NomCle13 =
L4NomCle13 =

L1NomCle14 = Gamme
L2NomCle14 = Range of Manufacturing
L3NomCle14 =
L4NomCle14 =

L1NomCle15 = Type de Modèle
L2NomCle15 = Model Type
L3NomCle15 =
L4NomCle15 =

L1NomCle16 = Descriptif Modèle
L2NomCle16 = Model Description
L3NomCle16 =
L4NomCle16 =

L1NomCle17 = Stocks
L2NomCle17 = Stocks
L3NomCle17 =
L4NomCle17 =

L1NomCle18 = Approvisionnements
L2NomCle18 = Supplies
L3NomCle18 =
L4NomCle18 =

L1NomCle19 = Gestion de Production
L2NomCle19 = Production Management
L3NomCle19 =
L4NomCle19 =

L1NomCle20 = Commandes
L2NomCle20 = Order
L3NomCle20 =
L4NomCle20 =

L1NomCle21 = Etats et Editions
L2NomCle21 = States and Editions
L3NomCle21 =
L4NomCle21 =

L1NomCle22 = Stocks
L2NomCle22 = Stocks
L3NomCle22 =
L4NomCle22 =

L1NomCle23 = Approvisionnements
L2NomCle23 = Supplies
L3NomCle23 =
L4NomCle23 =

L1NomCle24 = Gestion de Production
L2NomCle24 = Production Management
L3NomCle24 =
L4NomCle24 =

L1NomCle25 = Gamme
L2NomCle25 = Range of Manufacturing
L3NomCle25 =

L4NomCle25 =

L1NomCle26 = Bon de Fabrication

L2NomCle26 = Good of Manufacturing

L3NomCle26 =

L4NomCle26 =

L1NomCle27 = Commandes

L2NomCle27 = Orders

L3NomCle27 =

L4NomCle27 =

L1NomCle28 = Expéditions

L2NomCle28 = Shipping Bill

L3NomCle28 =

L4NomCle28 =

L1NomCle29 = Statistiques

L2NomCle29 = Statistics

L3NomCle29 =

L4NomCle29 =

L1NomCle30 = Paramètres

L2NomCle30 = Parameters

L3NomCle30 =

L4NomCle30 =

L1NomCle31 = Paramètres bases de données

L2NomCle31 = Database Parameters

L3NomCle31 =

L4NomCle31 =

L1NomCle32 = Saisie Tablette

L2NomCle32 = Tablets

L3NomCle32 =

L4NomCle32 =

L1NomCle33 = Saisie Ordinateur

L2NomCle33 = Computers

L3NomCle33 =

L4NomCle33 =

L1NomCle34 = Numéro d'Article'

L2NomCle34 = Article Number

L3NomCle34 =

L4NomCle34 =

L1NomCle35 = Nom Article

L2NomCle35 = Article Name

L3NomCle35 =

L4NomCle35 =

L1NomCle36 = Numéro Modèle

L2NomCle36 = Model Number

L3NomCle36 =

L4NomCle36 =

L1NomCle37 = Nom Modèle

L2NomCle37 = Model Name

L3NomCle37 =

L4NomCle37 =

L1NomCle38 = Prix (HT)

L2NomCle38 = Price

L3NomCle38 =

L4NomCle38 =

L1NomCle39 = Quantité

L2NomCle39 = Quantity

L3NomCle39 =

L4NomCle39 =

L1NomCle40 = Quantité Dernier Inventaire

L2NomCle40 = Last Inventory Qty

L3NomCle40 =

L4NomCle40 =

L1NomCle41 = Description

L2NomCle41 = Description

L3NomCle41 =

L4NomCle41 =

L1NomCle42 = Dimensions

L2NomCle42 = Size

L3NomCle42 =

L4NomCle42 =

L1NomCle43 = Volume

L2NomCle43 = Volume
L3NomCle43 =
L4NomCle43 =

L1NomCle44 = Longueur
L2NomCle44 = Lenght
L3NomCle44 =
L4NomCle44 =

L1NomCle45 = Largeur
L2NomCle45 = Width
L3NomCle45 =
L4NomCle45 =

L1NomCle46 = Hauteur
L2NomCle46 = Height
L3NomCle46 =
L4NomCle46 =

L1NomCle47 = Poids
L2NomCle47 = Weight
L3NomCle47 =
L4NomCle47 =

L1NomCle48 = Poids Variable
L2NomCle48 = Variable Weight
L3NomCle48 =
L4NomCle48 =

L1NomCle49 = Type d'Article
L2NomCle49 = Article Type
L3NomCle49 =
L4NomCle49 =

L1NomCle50 = Produit acheté
L2NomCle50 = Purshased Product
L3NomCle50 =
L4NomCle50 =

L1NomCle51 = Produit Semi-Fini
L2NomCle51 = Semi Finished Product
L3NomCle51 =
L4NomCle51 =

L1NomCle52 = Produit Fini
L2NomCle52 = Finished Product
L3NomCle52 =
L4NomCle52 =

L1NomCle53 = Numéro Fournisseur
L2NomCle53 = Supplier Number
L3NomCle53 =
L4NomCle53 =

L1NomCle54 = Nom Fournisseur
L2NomCle54 = Supplier Name
L3NomCle54 =
L4NomCle54 =

L1NomCle55 = Nom tâche
L2NomCle55 = Task Name
L3NomCle55 =
L4NomCle55 =

L1NomCle56 = Numéro Atelier
L2NomCle56 = Workshop Number
L3NomCle56 =
L4NomCle56 =

L1NomCle57 = Nom Atelier
L2NomCle57 = Workshop Name
L3NomCle57 =
L4NomCle57 =

L1NomCle58 = Numéro Site
L2NomCle58 = Site Number
L3NomCle58 =
L4NomCle58 =

L1NomCle59 = Nom Site
L2NomCle59 = Site Name
L3NomCle59 =
L4NomCle59 =

L1NomCle60 = Numéro Poste
L2NomCle60 = Workplace Number

L3NomCle60 =

L4NomCle60 =

L1NomCle61 = Nom Poste

L2NomCle61 = Workplace Name

L3NomCle61 =

L4NomCle61 =

L1NomCle62 = Ville

L2NomCle62 = City

L3NomCle62 =

L4NomCle62 =

L1NomCle63 = Pays

L2NomCle63 = Country

L3NomCle63 =

L4NomCle63 =

L1NomCle64 = Temps de livraison

L2NomCle64 = Delivery Time

L3NomCle64 =

L4NomCle64 =

L1NomCle65 = Adresse 1

L2NomCle65 = Address 1

L3NomCle65 =

L4NomCle65 =

L1NomCle66 = Adresse 2

L2NomCle66 = Address 2

L3NomCle66 =

L4NomCle66 =

L1NomCle67 = Code Postale

L2NomCle67 = ZIP Code

L3NomCle67 =

L4NomCle67 =

L1NomCle68 = Livraison

L2NomCle68 = Delivery

L3NomCle68 =

L4NomCle68 =

L1NomCle69 = Facturation

L2NomCle69 = Billing

L3NomCle69 =

L4NomCle69 =

L1NomCle70 = Type Prix

L2NomCle70 = Price Type

L3NomCle70 =

L4NomCle70 =

L1NomCle71 = Numéro de Commande

L2NomCle71 = Order Number

L3NomCle71 =

L4NomCle71 =

L1NomCle72 = Etat de la Commande

L2NomCle72 = Order State

L3NomCle72 =

L4NomCle72 =

L1NomCle73 = Forcer démarrage de la commande

L2NomCle73 = Force Order Start

L3NomCle73 =

L4NomCle73 =

L1NomCle74 = Jour de Livraison

L2NomCle74 = Delivery Day

L3NomCle74 =

L4NomCle74 =

L1NomCle75 = heure de Livraison

L2NomCle75 = Delivery Hour

L3NomCle75 =

L4NomCle75 =

L1NomCle76 = Poste de livraison

L2NomCle76 = Delivery WorkPlace

L3NomCle76 =

L4NomCle76 =

L1NomCle77 = Etat Commande

L2NomCle77 = Order State

L3NomCle77 =

L4NomCle77 =

L1NomCle78 = Non commencée

L2NomCle78 = Not Started

L3NomCle78 =

L4NomCle78 =

L1NomCle79 = Commencée

L2NomCle79 = Started

L3NomCle79 =

L4NomCle79 =

L1NomCle80 = Finie

L2NomCle80 = Finished

L3NomCle80 =

L4NomCle80 =

L1NomCle81 = Numéro Gamme

L2NomCle81 = Range Number

L3NomCle81 =

L4NomCle81 =

L1NomCle82 = Nom Gamme

L2NomCle82 = Range Name

L3NomCle82 =

L4NomCle82 =

L1NomCle83 = Rang Tâche

L2NomCle83 = Task Rank

L3NomCle83 =

L4NomCle83 =

L1NomCle84 = Numéro Tâche

L2NomCle84 = Task Number

L3NomCle84 =

L4NomCle84 =

L1NomCle85 = Heure début
L2NomCle85 = Debut Time
L3NomCle85 =
L4NomCle85 =

L1NomCle86 = Date début
L2NomCle86 = Debut Day
L3NomCle86 =
L4NomCle86 =

L1NomCle87 = Etat Fabrication
L2NomCle87 = Manufacturing State
L3NomCle87 =
L4NomCle87 =

L1NomCle88 = Urgence
L2NomCle88 = Emergency
L3NomCle88 =
L4NomCle88 =

L1NomCle89 = Maintenant
L2NomCle89 = Now
L3NomCle89 =
L4NomCle89 =

L1NomCle90 = Temps tendu
L2NomCle90 = Tense Time
L3NomCle90 =
L4NomCle90 =

L1NomCle91 = marge d'erreur
L2NomCle91 = Margin of Error

L3NomCle91 =

L4NomCle91 =

L1NomCle92 = Durée

L2NomCle92 = Duration

L3NomCle92 =

L4NomCle92 =

L1NomCle93 = Type Durée

L2NomCle93 = Duration Type

L3NomCle93 =

L4NomCle93 =

L1NomCle94 = Date Fin

L2NomCle94 = End Date

L3NomCle94 =

L4NomCle94 =

L1NomCle95 = Heure fin

L2NomCle95 = End Hour

L3NomCle95 =

L4NomCle95 =

L1NomCle96 = Nom Entreprise

L2NomCle96 = Company Name

L3NomCle96 =

L4NomCle96 =

L1NomCle97 = Numéro Siret

L2NomCle97 = SIRET Number

L3NomCle97 =

L4NomCle97 =

L1NomCle98 = Temps estimé d'exécution'
L2NomCle98 = Estimated Time of Execution
L3NomCle98 =
L4NomCle98 =

L1NomCle99 = Numéro article fini
L2NomCle99 = Finished Article Number
L3NomCle99 =
L4NomCle99=

L1NomCle100 = Nom Article Fini
L2NomCle100 = Finished Article Name
L3NomCle100 =
L4NomCle100 =

L1NomCle101 = Numéro d'article pour le faire'
L2NomCle101 = Article Number to do it
L3NomCle101 =
L4NomCle101 =

L1NomCle102 = Numéro Modèle pour le faire
L2NomCle102 = Model Number to do it
L3NomCle102 =
L4NomCle102 =

L1NomCle103 = Nom article pour le faire
L2NomCle103 = Article Number to do it
L3NomCle103 =
L4NomCle103 =

L1NomCle104 = Nom Modèle pour le faire
L2NomCle104 = Model Number to do it
L3NomCle104 =
L4NomCle104 =

L1NomCle105 = Numéro Client
L2NomCle105 = Customer Number
L3NomCle105 =
L4NomCle105 =

L1NomCle106 = Nom Client

L2NomCle106 = Customer Name
L3NomCle106 =
L4NomCle106 =

L1NomCle107 = Description
L2NomCle107 = Description
L3NomCle107 =
L4NomCle107 =

L1NomCle108 = Fournisseur
L2NomCle108 = Supplier
L3NomCle108 =
L4NomCle108 =

L1NomCle109 = Client
L2NomCle109 = Customer
L3NomCle109 =
L4NomCle109 =

L1NomCle110 = Superviseur Approvisionnement
L2NomCle110 = Supply Supervisor
L3NomCle110 =
L4NomCle110 =

L1NomCle111 = Connexion EDI
L2NomCle111 = EDI Connection
L3NomCle111 =
L4NomCle111 =

L1NomCle112 = Superviseur de production
L2NomCle112 = Product Supervisor
L3NomCle112 =
L4NomCle112 =

L1NomCle113 = Superviseur expéditions
L2NomCle113 = Shipping Supervisor
L3NomCle113 =
L4NomCle113 =

L1NomCle114 = Numéro Entreprise
L2NomCle114 = Company Number
L3NomCle114 =
L4NomCle114 =

L1NomCle115 = Enregistrer

L2NomCle115 = Save

L3NomCle115 =

L4NomCle115 =

L1NomCle116 = Effacer

L2NomCle116 = Delete

L3NomCle116 =

L4NomCle116 =

L1NomCle117 = Quitter

L2NomCle117 = Quit

L3NomCle117 =

L4NomCle117 =

L1NomCle118 = Type Poste

L2NomCle118 = Workingstation type

L3NomCle118 =

L4NomCle118 =

L1NomCle119 = Superviseur

L2NomCle119 = Supervisor

L3NomCle119 =

L4NomCle119 =

L1NomCle120 = Connexion EDI

L2NomCle120 = EDI Connexion

L3NomCle120 =

L4NomCle120 =

L1NomCle121 = Edition bon de transport

L2NomCle121 = Shipping bill Edition

L3NomCle121 =

L4NomCle121 =

L1NomCle122 = Statistiques de Direction

L2NomCle122 = CEO Statistics

L3NomCle122 =

L4NomCle122 =

L1NomCle123 = Statistiques commerciales

L2NomCle123 = Trading Statistics

L3NomCle123 =

L4NomCle123 =

L1NomCle124 = Statistiques de production
L2NomCle124 = Manufacturing Statistics
L3NomCle124 =
L4NomCle124 =

L1NomCle125 = Charge Postes
L2NomCle125 = Workingstation Workload
L3NomCle125 =
L4NomCle125 =

L1NomCle126 = Récapitulatif d'une journée
L2NomCle126 = Day overview
L3NomCle126 =
L4NomCle126 =

L1NomCle127 = Carnet de commande
L2NomCle127 = Order Book
L3NomCle127 =
L4NomCle127 =

L1NomCle128 = Produit vedette
L2NomCle128 = Star Item
L3NomCle128 =
L4NomCle128 =

L1NomCle129 = Email
L2NomCle129 = E-Mail
L3NomCle129 =
L4NomCle129 =

L1NomCle130 = Numéro de téléphone
L2NomCle130 = Phone Number
L3NomCle130 =
L4NomCle130 =

L1NomCle131 = Fax
L2NomCle131 = Fax Number
L3NomCle131 =
L4NomCle131 =

L1NomCle132 = Site Web
L2NomCle132 = Web Site
L3NomCle132 =

L4NomCle132 =

L1NomCle133 = Mention Légale

L2NomCle133 = Legal Notice

L3NomCle133 =

L4NomCle133 =

L1NomCle134 = Recherche Rapide

L2NomCle134 = Quick Search

L3NomCle134 =

L4NomCle134 =

L1NomCle135 = Nom Abrégé

L2NomCle135 = Short Name

L3NomCle135 =

L4NomCle135 =

L1NomCle136 = Type Poste

L2NomCle136 = Workstation Type

L3NomCle136 =

L4NomCle136 =

L1NomCle137 = Contact

L2NomCle137 = Contacts

L3NomCle137 =

L4NomCle137 =

L1NomCle138 = TypeAtelier

L2NomCle138 = WorkshopType

L3NomCle138 =

L4NomCle138 =

L1NomCle139 = En parallèle

L2NomCle139 = Parallel

L3NomCle139 =

L4NomCle139 =

L1NomCle140 = En ligne

L2NomCle140 = Line

L3NomCle140 =

L4NomCle140 =

L1NomCle141 = En îlot

L2NomCle141 = Production Area

L3NomCle141 =
L4NomCle141 =

L1NomCle142 = Nom Tache
L2NomCle142 = Task Name
L3NomCle142 =
L4NomCle142 =

L1NomCle143 = Machine
L2NomCle143 = Engine
L3NomCle143 =
L4NomCle143 =

L1NomCle144 = Adresse IP
L2NomCle144 = IP Address
L3NomCle144 =
L4NomCle144 =

L1NomCle145 = Type de poste
L2NomCle145 = Workstation type
L3NomCle145 =
L4NomCle145 =

L1NomCle146 = Réception
L2NomCle146 = Receipts
L3NomCle146 =
L4NomCle146 =

L1NomCle147 = Production
L2NomCle147 = Manufacturing
L3NomCle147 =
L4NomCle147 =

L1NomCle148 = Expéditions
L2NomCle148 = Shipping Station
L3NomCle148 =
L4NomCle148 =

L1NomCle149 = Gestion
L2NomCle149 = Management
L3NomCle149 =
L4NomCle149 =

L1NomCle150 = Listings

L2NomCle150 = listings

L3NomCle150 =

L4NomCle150 =

L1NomCle151 = No Article pour le faire

L2NomCle151 = Item Number to do it

L3NomCle151 =

L4NomCle151 =

L1NomCle152 = Lom Article pour le faire

L2NomCle152 = Item Name to do it

L3NomCle152 =

L4NomCle152 =

L1NomCle153 = type Modèle pour le faire

L2NomCle153 = Model type to do it

L3NomCle153 =

L4NomCle153 =

L1NomCle154 = Nom Modele pour le faire

L2NomCle154 = Model Name to do it

L3NomCle154 =

L4NomCle154 =

L1NomCle155 = Type Quantité

L2NomCle155 = Quantity Type

L3NomCle155 =

L4NomCle155 =

L1NomCle156 = Type Modele fini

L2NomCle156 = Finished Model Type

L3NomCle156 =

L4NomCle156 =

L1NomCle157 = Nom Modele Fini

L2NomCle157 = Finished Model Name

L3NomCle157 =

L4NomCle157 =

L1NomCle158 = No Disponibilité

L2NomCle158 = Availability Number

L3NomCle158 =

L4NomCle158 =

L1NomCle159 = Nom Disponibilité
L2NomCle159 = Availability name
L3NomCle159 =
L4NomCle159 =

L1NomCle160 = Numéro Gammme Mère
L2NomCle160 = Mother Range Number
L3NomCle160 =
L4NomCle160 =

L1NomCle161 =Rang Gamme
L2NomCle161 = Range Rank
L3NomCle161 =
L4NomCle161 =

L1NomCle162 = Nom Type Poste
L2NomCle162 = Type Poste Name
L3NomCle162 =
L4NomCle162 =

L1NomCle163 = Valeur
L2NomCle163 = Value
L3NomCle163 =
L4NomCle163 =

L1NomCle164 = Type Valeur
L2NomCle164 = Value Type
L3NomCle164 =
L4NomCle164 =

L1NomCle165 = No Caractéristique technique
L2NomCle165 = Technical Characteristic Nb
L3NomCle165 =
L4NomCle165 =

L1NomCle166 = Nom Caractéristique Technique
L2NomCle166 = Technical Characteristic Name
L3NomCle166 =
L4NomCle166 =

L1NomCle167 = Type Poids
L2NomCle167 = Weight type
L3NomCle167 =
L4NomCle167 =

L1NomCle168 = Poids fixe
L2NomCle168 = Fixed weight
L3NomCle168 =
L4NomCle168 =

L1NomCle169 = TVA
L2NomCle169 = VAT
L3NomCle169 =
L4NomCle169 =

L1NomCle170 = Code Barre
L2NomCle170 = Bar Code
L3NomCle170 =
L4NomCle170 =

L1NomCle171 = Type de conditionnement
L2NomCle171 = Packaging type
L3NomCle171 =
L4NomCle171 =

L1NomCle172 = Prix Fixe
L2NomCle172 = Fixed Price
L3NomCle172 =
L4NomCle172 =

L1NomCle173 = No Article Conditionnement inférieur
L2NomCle173 = Lower Rank Item Number
L3NomCle173 =
L4NomCle173 =

L1NomCle174 = Nom Article Conditionnement inférieur
L2NomCle174 = Lower Rank Item Name
L3NomCle174 =
L4NomCle174 =

L1NomCle175 = Quantité Conditionnement inférieur
L2NomCle175 = Lower Rank Quantity
L3NomCle175 =
L4NomCle175 =

L1NomCle176 = Quantité Faite
L2NomCle176 = Made Quantity
L3NomCle176 =

L4NomCle176 =

L1NomCle177 = Quantite Totale

L2NomCle177 = Total Quantity

L3NomCle177 =

L4NomCle177 =

L1NomCle178 = Tache Terminée

L2NomCle178 = Task Finished

L3NomCle178 =

L4NomCle178 =

L1NomCle179 = Fabrication Terminée

L2NomCle179 = Manufacturing Finished

L3NomCle179 =

L4NomCle179 =

L1NomCle180 = Edition Fabrication

L2NomCle180 = Printing Manufacturing

L3NomCle180 =

L4NomCle180 =

L1NomCle181 = Valeur Voulué

L2NomCle181 = Wanted Value

L3NomCle181 =

L4NomCle181 =

L1NomCle182 = Valeur Produite

L2NomCle182 = Producted Value

L3NomCle182 =

L4NomCle182 =

L1NomCle183 = Manquant

L2NomCle183 = Missing

L3NomCle183 =

L4NomCle183 =

L1NomCle184 = No de Fabrication

L2NomCle184 = Manufacturing Number

L3NomCle184 =

L4NomCle184 =

L1NomCle185 = Délais de livraison

L2NomCle185 = Delivery Deadline

L3NomCle185 =

L4NomCle185 =

L1NomCle186 = Type Prix

L2NomCle186 = Price Type

L3NomCle186 =

L4NomCle186 =

L1NomCle187 = Livraison Effectuée

L2NomCle187 = Delivery finished

L3NomCle187 =

L4NomCle187 =

L1NomCle188 = Bon de Livraison édité

L2NomCle188 = Delivery order printed

L3NomCle188 =

L4NomCle188 =

L1NomCle189 = Facture édité

L2NomCle189 = Billing Printed

L3NomCle189 =

L4NomCle189 =

L1NomCle190 = Variation

L2NomCle190 = Difference

L3NomCle190 =

L4NomCle190 =

L1NomCle191 = Bond de fabrication édité

L2NomCle191 = Manufacturing Order Printed

L3NomCle191 =

L4NomCle191 =

L1NomCle192 = No De Fabrication

L2NomCle192 = Manufacturing Number

L3NomCle192 =

L4NomCle192 =

L1NomCle193 = Nom de Fabrication

L2NomCle193 = Manufacturing Name

L3NomCle193 =

L4NomCle193 =

L1NomCle194 = No Transporteur Transporteur

L2NomCle194 = Carrier Number

L3NomCle194 =

L4NomCle194 =

L1NomCle195 = Nom Tranporteur

L2NomCle195 = Carrier Name

L3NomCle195 =

L4NomCle195 =

L1NomCle196 = Adresse de dégroupage

L2NomCle196 = Unbundling adress

L3NomCle196 =

L4NomCle196 =

L1NomCle197 = Date Dernier inventaire

L2NomCle197 = Date Last inventory

L3NomCle197 =

L4NomCle197 =

L1NomCle198 = Palier Warning Low Stock

L2NomCle198 = Stage Warning Low Stock

L3NomCle198 =

L4NomCle198 =

L1NomCle199 = Disponibilité

L2NomCle199 = Availability

L3NomCle199 =

L4NomCle199 =

L1NomCle200 = Lundi

L2NomCle200 = Monday

L3NomCle200 =

L4NomCle200 =

L1NomCle201 = Mardi

L2NomCle201 = Tuesday

L3NomCle201 =

L4NomCle201 =

L1NomCle202 = Mercredi

L2NomCle202 = Wendnesday

L3NomCle202 =

L4NomCle202 =

L1NomCle203 = Vendredi

L2NomCle203 = Friday

L3NomCle203 =

L4NomCle203 =

L1NomCle204 = Samedi

L2NomCle204 = Saturday

L3NomCle204 =

L4NomCle204 =

L1NomCle205 = Dimanche

L2NomCle205 = Sunday

L3NomCle205 =

L4NomCle205 =

L1NomCle206 = Jour Entier

L2NomCle206 = Entire day

L3NomCle206 =

L4NomCle206 =

L1NomCle207 = Jour férié

L2NomCle207 = Public Holiday

L3NomCle207 =

L4NomCle207 =

L1NomCle208 = Pauses

L2NomCle208 = Breaks

L3NomCle208 =

L4NomCle208 =

L1NomCle209 = Jeudi

L2NomCle209 = Thursday

L3NomCle209 =

L4NomCle209 =

L1NomCle210 =

L2NomCle210 =

L3NomCle210 =

L4NomCle210 =

L1NomCle211 = Indisponibilite
L2NomCle211 = Unavailable
L3NomCle211 =
L4NomCle211 =

L1NomCle212 = Transporteur
L2NomCle212 = Carrier
L3NomCle212 =
L4NomCle212 =

L1NomCle213 = No Caractérisitique Technique
L2NomCle213 = Technical Characteristic No
L3NomCle213 =
L4NomCle213 =

L1NomCle214 = Nom Caractéristique Technique
L2NomCle214 = Name Technical Characteristics
L3NomCle214 =
L4NomCle214 =

L1NomCle215 = Valeur Voulué
L2NomCle215 = Wanted Value
L3NomCle215 =
L4NomCle215 =

L1NomCle216 = Type Valeur
L2NomCle216 = Value Type
L3NomCle216 =
L4NomCle216 =

L1NomCle217 = Rang Poste
L2NomCle217 = Place Rank
L3NomCle217 =
L4NomCle217 =

L1NomCle218 = Type Ligne
L2NomCle218 = Line Type
L3NomCle218 =
L4NomCle218 =

L1NomCle219 = Ilot
L2NomCle219 = Ilot
L3NomCle219 =

L4NomCle219 =

L1NomCle220 = Parallele

L2NomCle220 = Parallel

L3NomCle220 =

L4NomCle220 =

L1NomCle221 = En ligne

L2NomCle221 = In line

L3NomCle221 =

L4NomCle221 =

L1NomCle222 = Numéro de projet

L2NomCle222 = Project number

L3NomCle222 =

L4NomCle222 =

L1NomCle223 = Nom de projet

L2NomCle223 = Project name

L3NomCle223 =

L4NomCle223 =

L1NomCle224 = Créer Base

L2NomCle224 = Create Database

L3NomCle224 =

L4NomCle224 =

L1NomCle225 = Simulation

L2NomCle225 = Simulate

L3NomCle225 =

L4NomCle225 =

L1NomCle226 = Quantite Nouvel Inventaire

L2NomCle226 = New Inventory Qty

L3NomCle226 =

L4NomCle226 =

L1NomCle227 = Date et Heure

L2NomCle227 = Date and Hour

L3NomCle227 =

L4NomCle227 =

L1NomCle228 = Abrégé Type Poste

L2NomCle228 = Type Poste Short Name

L3NomCle228 =

L4NomCle228 =

L1NomCle229 = No de commande, date et heure

L2NomCle229 = Order Nb, date and hour

L3NomCle229 =

L4NomCle229 =

L1NomCle230 = Quantité commandée

L2NomCle230 = Ordered qty

L3NomCle230 =

L4NomCle230 =

L1NomCle231 = Quantité Livrée

L2NomCle231 = Deliverd qty

L3NomCle231 =

L4NomCle231 =

L1NomCle232 = Prix Commandé

L2NomCle232 = Ordered Price

L3NomCle232 =

L4NomCle232 =

L1NomCle233 = Prix Livré

L2NomCle233 = Deliverd Price

L3NomCle233 =

L4NomCle233 =

L1NomCle234 = Dimensions

L2NomCle234 = Size

L3NomCle234 =

L4NomCle234 =

L1NomCle235 = Notation

L2NomCle235 = rating

L3NomCle235 =

L4NomCle235 =

L1NomCle236 = Qualité

L2NomCle236 = Quality

L3NomCle236 =

L4NomCle236 =

L1NomCle237 = Environnement

L2NomCle237 = Environnement
L3NomCle237 =
L4NomCle237 =

L1NomCle238 = origine
L2NomCle238 = origin
L3NomCle238 =
L4NomCle238 =

L1NomCle239 = Prix
L2NomCle239 = Price
L3NomCle239 =
L4NomCle299 =

L1NomCle240 = satisfaction client
L2NomCle240 = customer satisfaction
L3NomCle240 =
L4NomCle240 =

L1NomCle241 = Fournisseur
L2NomCle241 = Supplier
L3NomCle241 =
L4NomCle241 =

[Section2]

L1NomSection = Nom des fenêtres
L2NomSection = Windows Name
L3NomSection =
L4NomSection =
NbCleSection = 34

L1NomCle1 = Gestion de stocks
L2NomCle1 = Stock Management
L3NomCle1 =
L4NomCle1 =

L1NomCle2 = Saisie Article
L2NomCle2 = Article Entry
L3NomCle2 =
L4NomCle2 =

L1NomCle3 = Saisie Atelier
L2NomCle3 = Workshop Entry

L3NomCle3 =

L4NomCle3 =

L1NomCle4 = Saisie Client

L2NomCle4 = Customer Entry

L3NomCle4 =

L4NomCle4 =

L1NomCle5 = Saisie Commande Client

L2NomCle5 = Customer Order Entry

L3NomCle5 =

L4NomCle5 =

L1NomCle6 = Saisie Commande Fournisseur

L2NomCle6 = Supplier Order Entry

L3NomCle6 =

L4NomCle6 =

L1NomCle7 = Saisie Descriptif Gamme

L2NomCle7 = Description Range Entry

L3NomCle7 =

L4NomCle7 =

L1NomCle8 = Saisie des entrées

L2NomCle8 = Entering Entries

L3NomCle8 =

L4NomCle8 =

L1NomCle9 = Saisie d'une Fabrication

L2NomCle9 = Entering a production

L3NomCle9 =

L4NomCle9 =

L1NomCle10 = Saisie d'une livraison

L2NomCle10 = Entering a delivery

L3NomCle10 =

L4NomCle10 =

L1NomCle11 = Saisie Entreprise

L2NomCle11 = Company Entry

L3NomCle11 =

L4NomCle11 =

L1NomCle12 = Saisie Fournisseur

L2NomCle12 = Supplier Entry
L3NomCle12 =
L4NomCle12 =

L1NomCle13 = Saisie Modèle
L2NomCle13 = Model Entry
L3NomCle13 =
L4NomCle13 =

L1NomCle14 = Saisie Poste
L2NomCle14 = Workplace Entry
L3NomCle14 =
L4NomCle14 =

L1NomCle15 = Saisie Site
L2NomCle15 = Site Entry
L3NomCle15 =
L4NomCle15 =

L1NomCle16 = Saisie Tache
L2NomCle16 = Task Entry
L3NomCle16 =
L4NomCle16 =

L1NomCle17 = Menu
L2NomCle17 = Menu
L3NomCle17 =
L4NomCle17 =

L1NomCle18 = Gestion
L2NomCle18 = Management
L3NomCle18 =
L4NomCle18 =

L1NomCle19 = Saisie d'un type de poste'
L2NomCle19 = Type Workstation Entry
L3NomCle19 =
L4NomCle19 =

L1NomCle20 = Saisie d'un transporteur'
L2NomCle20 = Carrier Entry
L3NomCle20 =
L4NomCle20 =

L1NomCle21 = Saisie d'une disponibilité'

L2NomCle21 = Availability entry

L3NomCle21 =

L4NomCle21 =

L1NomCle22 = Saisie d'une Caractéristique Technique'

L2NomCle22 = Technical Characteristics entry

L3NomCle22 =

L4NomCle22 =

L1NomCle23 = Listing articles

L2NomCle23 = Items listing

L3NomCle23 =

L4NomCle23 =

L1NomCle24 = Visualisation stock

L2NomCle24 = Stock listing

L3NomCle24 =

L4NomCle24 =

L1NomCle25 = Stocks bas

L2NomCle25 = Warnings low stock

L3NomCle25 =

L4NomCle25 =

L1NomCle26 = Gammes

L2NomCle26 = ranges

L3NomCle26 =

L4NomCle26 =

L1NomCle27 = Bon de Fabrication

L2NomCle27 = production order

L3NomCle27 =

L4NomCle27 =

L1NomCle28 = liste commandes fournisseur en cours

L2NomCle28 = current supplier orders listings

L3NomCle28 =

L4NomCle28 =

L1NomCle29 = liste commandes client en cours

L2NomCle29 = current customer orders listings

L3NomCle29 =

L4NomCle29 =

L1NomCle30 = bon de transport
L2NomCle30 = lorrying coupon
L3NomCle30 =
L4NomCle30 =

L1NomCle31 = facture
L2NomCle31 = bill
L3NomCle31 =
L4NomCle31 =

L1NomCle32 = Impression CA par site
L2NomCle32 = Sales revenues by place
L3NomCle32 =
L4NomCle32 =

L1NomCle33 = Prix de revient article
L2NomCle33 = Cost price by Item
L3NomCle33 =
L4NomCle33 =

L1NomCle34 = Evaluations
L2NomCle34 = Evaluations
L3NomCle34 =
L4NomCle34 =

[Section3]

L1NomSection = MsgBox
L2NomSection = MsgBox
L3NomSection =
L4NomSection =
NbCleSection = 8

L1NomCle1 = Voulez-vous enregistrer ?
L2NomCle1 = Do you want to save ?
L3NomCle1 =
L4NomCle1 =

L1NomCle2 = Etes vous sur de vouloir supprimer ?
L2NomCle2 = Are you sure you want to delete ?
L3NomCle2 =
L4NomCle2 =

L1NomCle3 = Problème saisie heure début ou fin
L2NomCle3 = Problem recording time beginning or end
L3NomCle3 =
L4NomCle3 =

L1NomCle4 = Problème saisie chaine heure
L2NomCle4 = Problem recording string time
L3NomCle4 =
L4NomCle4 =

L1NomCle5 = Problème saisie chaine date
L2NomCle5 = Problem recording string date
L3NomCle5 =
L4NomCle5 =

L1NomCle6 = Problème type de ligne
L2NomCle6 = Problem recording line type
L3NomCle6 =
L4NomCle6 =

L1NomCle7 = Le projet n'existe pas
L2NomCle7 = The project does not exist
L3NomCle7 =
L4NomCle7 =

L1NomCle8 = La reception est terminée
L2NomCle8 = The items are receipted
L3NomCle8 =
L4NomCle8 =

[Section4]

L1NomSection = Editions
L2NomSection = Editions
L3NomSection =
L4NomSection =
NbCleSection = 21

L1NomCle1 =FACTURE
L2NomCle1 = BILL
L3NomCle1 =
L4NomCle1 =

L1NomCle2 = NO FACTURE

L2NomCle2 = BILL NB
L3NomCle2 =
L4NomCle2 =

L1NomCle3 = DATE
L2NomCle3 = DATE
L3NomCle3 =
L4NomCle3 =

L1NomCle4 = COMMANDE
L2NomCle4 = ORDER
L3NomCle4 =
L4NomCle4 =

L1NomCle5 = CODE CLIENT
L2NomCle5 = CUSTOMER NUMBER
L3NomCle5 =
L4NomCle5 =

L1NomCle6 = REF
L2NomCle6 = REF
L3NomCle6 =
L4NomCle6 =

L1NomCle7 = ARTICLE/MODELE
L2NomCle7 = ITEM/MODEL
L3NomCle7 =
L4NomCle7 =

L1NomCle8 = QTE
L2NomCle8 = QTY
L3NomCle8 =
L4NomCle8 =

L1NomCle9 = U
L2NomCle9 = U
L3NomCle9 =
L4NomCle9 =

L1NomCle10 = PRIX U TTC
L2NomCle10 = U INCL TAX PRICE
L3NomCle10 =
L4NomCle10 =

L1NomCle11 = MTT HT
L2NomCle11 = EXCL TAX AMT
L3NomCle11 =
L4NomCle11 =

L1NomCle12 = TVA (%)
L2NomCle12 = VAT (%)
L3NomCle12 =
L4NomCle12 =

L1NomCle13 = TOTAL HT
L2NomCle13 = EXCL TAX AMOUNT
L3NomCle13 =
L4NomCle13 =

L1NomCle14 = REMISE
L2NomCle14 = DISCOUNT
L3NomCle14 =
L4NomCle14 =

L1NomCle15 = MONTANT TTC
L2NomCle15 = INCL TAX PRICE
L3NomCle15 =
L4NomCle15 =

L1NomCle16 = ACOMPTE
L2NomCle16 = ADVANCE PAYMENT
L3NomCle16 =
L4NomCle16 =

L1NomCle17 = NET A PAYER
L2NomCle17 = NET TO PAY
L3NomCle17 =
L4NomCle17 =

L1NomCle18 = TVA
L2NomCle18 = VAT
L3NomCle18 =
L4NomCle18 =

L1NomCle19 =
L2NomCle19 =
L3NomCle19 =
L4NomCle19 =

L1NomCle20 =
L2NomCle20 =
L3NomCle20 =
L4NomCle20 =

L1NomCle21 =
L2NomCle21 =
L3NomCle21 =
L4NomCle21 =

[Section5]

L1NomSection = Statistiques
L2NomSection = Statistiques
L3NomSection =
L4NomSection =
NbCleSection = 21

L1NomCle1 = Chiffre d'affaire
L2NomCle1 = Turnover
L3NomCle1 =
L4NomCle1 =

L1NomCle2 = Chiffre d'affaire par site
L2NomCle2 = Turnover by site
L3NomCle2 =
L4NomCle2 =

L1NomCle3 = Chiffre d'affaire par atelier
L2NomCle3 = Turnover by workshop
L3NomCle3 =
L4NomCle3 =

L1NomCle4 = Chiffre d'affaire par poste
L2NomCle4 = Turnover by workplace
L3NomCle4 =
L4NomCle4 =

L1NomCle5 = au
L2NomCle5 = to
L3NomCle5 =
L4NomCle5 =

L1NomCle6 = Total
L2NomCle6 = Sum
L3NomCle6 =
L4NomCle6 =

L1NomCle7 = ARTICLE/MODELE
L2NomCle7 = ITEM/MODEL
L3NomCle7 =
L4NomCle7 =

L1NomCle8 = QTE
L2NomCle8 = QTY
L3NomCle8 =
L4NomCle8 =

L1NomCle9 = U
L2NomCle9 = U
L3NomCle9 =
L4NomCle9 =

L1NomCle10 = PRIX U TTC
L2NomCle10 = U INCL TAX PRICE
L3NomCle10 =
L4NomCle10 =

L1NomCle11 = MTT HT
L2NomCle11 = EXCL TAX AMT
L3NomCle11 =
L4NomCle11 =

L1NomCle12 = TVA (%)
L2NomCle12 = VAT (%)
L3NomCle12 =
L4NomCle12 =

L1NomCle13 = TOTAL HT
L2NomCle13 = EXCL TAX AMOUNT
L3NomCle13 =
L4NomCle13 =

L1NomCle14 = REMISE
L2NomCle14 = DISCOUNT
L3NomCle14 =
L4NomCle14 =

L1NomCle15 = MONTANT TTC
L2NomCle15 = INCL TAX PRICE
L3NomCle15 =
L4NomCle15 =

L1NomCle16 = ACOMPTE
L2NomCle16 = ADVANCE PAYMENT
L3NomCle16 =
L4NomCle16 =

L1NomCle17 = NET A PAYER
L2NomCle17 = NET TO PAY
L3NomCle17 =
L4NomCle17 =

L1NomCle18 = TVA
L2NomCle18 = VAT
L3NomCle18 =
L4NomCle18 =

L1NomCle19 =
L2NomCle19 =
L3NomCle19 =
L4NomCle19 =

L1NomCle20 =
L2NomCle20 =
L3NomCle20 =
L4NomCle20 =

L1NomCle21 =
L2NomCle21 =
L3NomCle21 =
L4NomCle21 =

LES STRUCTURES

Structure TypLiaisonTacheArticlePourLaFaire

Public NoLiaisonTacheArticlePourLaFaire As String

Public NoTache As String

Public NoArticlePourLaFaire As String

Public NomArticlePourLaFaire As String

Public TypeModelePourLaFaire As String

Public NomModelePourLaFaire As String

Public NbTArticle As Integer

Public Quantite As Double

Public TypeQuantite As String

End Structure

Structure TypLiaisonArticleClient

Public NoLiaisonArticleClient As String

Public NoArticle As String

Public NomArticle As String

Public NoClient As String

Public NomClient As String

Public TypeModele As String

Public NomModele As String

Public NbTClient As Integer

Public Prix As Double

Public TypePrix As String

Public DelaisLivraison As Double

End Structure

Structure TypLiaisonArticleFournisseur

Public NoLiaisonArticleFournisseur As String

Public NoArticle As String

Public NomArticle As String

Public NoFournisseur As String

Public NomFournisseur As String

Public TypeModele As String

Public NomModele As String

Public NbFournisseur As Integer

Public Prix As Double
Public TypePrix As String
Public DelaisLivraison As Double

End Structure

Structure TypLiaisonArticleModele
Public NoLiaisonArticleModele As String
Public NoArticle As String
Public TypeModele As String
Public NomModele As String
Public NbModele As Integer
Public Prix As Double
Public TypePrix As String
Public DelaisLivraison As Double

End Structure

Structure TypLiaisonModeleGamme
Public NoLiaisonModeleGamme As String
Public NoArticle As String
Public TypeModele As String
Public NoGamme As String
Public RangGamme As String
Public Nomgamme As String

End Structure

Structure TypLiaisonModeleCarTech
Public NoLiaisonModeleCarTech As String
Public NoArticle As String
Public TypeModele As String
Public ValeurVoulue As String
Public NoCarTech As String
Public NomCarTech As String
Public TypeValeur As String

End Structure

Structure TypArticle
Public NoArticle As String
Public NomArticle As String
Public NoProjet As String
Public NbVariable As Int16

```
Public NbLiaisonArticleModele As Int16
Public NbLiaisonArticleFournisseur As Int16
Public NbLiaisonArticleClient As Int16
Public Description As String
Public RechercheNomArticle As String
Public TypeConditionnement As String

Public TVA As String
Public NoArticleCondInf As Integer
Public NomArticleCondInf As String
Public QuantiteCondInf As Double
Public TypeQuantiteCondInf As String
Public CategorieArticle As String

Public PrixFixe As Integer
Public PoidsVariable As Integer
Public TypeArticle As Integer
Public LiaisonArticleModele() As TypLiaisonArticleModele
Public LiaisonArticleFournisseur() As TypLiaisonArticleFournisseur
Public LiaisonArticleClient() As TypLiaisonArticleClient
' Public NoAdresse() As Int16

' Public LiaisonSiteAtelier() As TypLiaisonSiteAtelier
```

End Structure

Structure TypModele

```
Public TypeModele As String
Public NomModele As String
Public NbVariable As Int16
Public NbLiaisonModeleCarTech As Int16
Public NbLiaisonModeleGamme As Int16
Public Description As String
Public RechercheNomModele As String
Public Codebarre As String
Public Longueur As Double
Public Largeur As Double
Public Hauteur As Double
Public Poids As Double
Public Volume As Double
Public Qualite As Integer
Public Environnement As Integer
Public Origine As Integer
Public Prix As Integer
```

Public SatisfactionClient As Integer

Public LiaisonModeleCarTech() As TypLiaisonModeleCarTech

Public LiaisonModeleGamme() As TypLiaisonModeleGamme

' Public NoAdresse() As Int16

' Public LiaisonSiteAtelier() As TypLiaisonSiteAtelier

End Structure

Public TableauArticle As TypArticle

Public TableauModele As TypModele

Public TableauProjet As TypProjet

Public TableauTypeQuantite As TypTypeQuantite

Public TableauTypePrix As TypTypePrix

LA CONNEXION A LA BASE DE DONNEES

```
Imports System
Imports System.Data
Imports System.Data.OleDb
```

```
Module FormulesRequetesSQL
    Public cnx As OleDbConnection
    Public cmd As OleDbCommand
    Public dta As OleDbDataAdapter
    Public sql As String
    Public dtt As DataTable
    Public dtr As DataRow
    Public rownum As Integer
    Public cnxstr As String
    Public cmdb As OleDbCommandBuilder
    Public dts As New DataSet
    Public NomTable As String
```

```
Sub ConnexionDB()
    'connection à la base de donnee
```

```
    cnxstr = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source= " &
    TableauParametres.Parametres(0).Données(1).Adr & " ;Persist Security Info=False"
    cnx = New OleDbConnection
    cnx.ConnectionString = cnxstr
    cnx.Open()
End Sub
```

```
Sub Requete()

    ' Requete à la base de donnée
    cmd = New OleDbCommand(sql)

    dta = New OleDbDataAdapter(cmd)

    cmd.Connection() = cnx
    dts.Clear()
    dta.Fill(dts, NomTable)
```

```
dti = dts.Tables(NomTable)
```

```
End Sub
```

```
End Module
```


LES PROCEDURES DE LECTURE DE BASE

```
Sub SelectArticle1(ByVal TypeSQL, ByVal ValeurSQL, ByVal Projet)
    Dim i As Integer

    sql = "SELECT * FROM Article" & Projet & " WHERE " & TypeSQL & " = " &
ValeurSQL
    NomTable = "Article"

    ' selection pour la fenetre article

    Requete()
    TableauArticle.NbVariable = dtt.Rows.Count
    For i = 0 To (TableauArticle.NbVariable - 1)
        TableauArticle.NoArticle = dtt.Rows(i).Item("NoArticle")
        TableauArticle.NomArticle = dtt.Rows(i).Item("NomArticle")
        ' TableauArticle.NoProjet = dtt.Rows(i).Item("NoProjet")
        TableauArticle.TypeConditionnement = dtt.Rows(i).Item("TypeConditionnement")

        TableauArticle.Description = dtt.Rows(i).Item("Description")
        TableauArticle.RechercheNomArticle = dtt.Rows(i).Item("RechercheNomArticle")
        TableauArticle.TVA = dtt.Rows(i).Item("TVA")
        TableauArticle.QuantiteCondInf = dtt.Rows(i).Item("QuantiteCondInf")
        TableauArticle.NoArticleCondInf = dtt.Rows(i).Item("NoArticleCondInf")
        TableauArticle.TypeQuantiteCondInf = dtt.Rows(i).Item("TypeQuantiteCondInf")
        TableauArticle.CategorieArticle = dtt.Rows(i).Item("CategorieArticle")
        TableauArticle.PrixFixe = dtt.Rows(i).Item("PrixFixe")
        TableauArticle.PoidsVariable = dtt.Rows(i).Item("PoidsVariable")

        TableauArticle.TypeArticle = dtt.Rows(i).Item("TypeArticle")
        TableauArticle.NomArticleCondInf = ""
    Next i

    For i = 0 To (TableauArticle.NbVariable - 1)

        If TableauArticle.NoArticle <> 0 Then

            sql = "SELECT NomArticle FROM Article" & Projet & " WHERE NoArticle = " &
TableauArticle.NoArticleCondInf
            NomTable = "Article"
            Requete()
            If dtt.Rows.Count > 0 Then
```

```

        TableauArticle.NomArticleCondInf = dtt.Rows(0).Item("NomArticle")
    End If

End If

Next i
End Sub
Sub SelectArticle2(ByVal TypeSQL, ByVal ValeurSQL, ByVal Projet)
    Dim i As Integer

    sql = "SELECT * FROM LiaisonArticleClient" & Projet & " WHERE " & TypeSQL & "
= " & ValeurSQL
    NomTable = "LiaisonArticleClient"

    ' selection des clients pour l'article

    Requete()
    ReDim TableauArticle.LiaisonArticleClient(dtt.Rows.Count - 1)
    TableauArticle.NbLiaisonArticleClient = dtt.Rows.Count
    For i = 0 To (TableauArticle.NbLiaisonArticleClient - 1)

        TableauArticle.LiaisonArticleClient(i).NoArticle = dtt.Rows(i).Item("NoArticle")

        TableauArticle.LiaisonArticleClient(i).NoLiaisonArticleClient =
dtt.Rows(i).Item("NoLiaisonArticleClient")
        TableauArticle.LiaisonArticleClient(i).NoClient = dtt.Rows(i).Item("NoClient")
        TableauArticle.LiaisonArticleClient(i).TypeModele =
dtt.Rows(i).Item("TypeModele")
        TableauArticle.LiaisonArticleClient(i).Prix = dtt.Rows(i).Item("PrixClient")
        TableauArticle.LiaisonArticleClient(i).TypePrix = dtt.Rows(i).Item("TypePrix")
        TableauArticle.LiaisonArticleClient(i).DelaisLivraison =
dtt.Rows(i).Item("DelaisDeLivraison")
        TableauArticle.LiaisonArticleClient(i).NomModele = ""
        TableauArticle.LiaisonArticleClient(i).NomClient = ""
    Next i
    For i = 0 To (TableauArticle.NbLiaisonArticleClient - 1)

        ' TableauPoste.LiaisonPosteTache(i).TempsTache =
dtt.Rows(i).Item("TempsExecution")
        If TableauArticle.LiaisonArticleClient(i).TypeModele <> 0 Then

            sql = "SELECT NomModele FROM Modele" & Projet & " WHERE TypeModele =
" & TableauArticle.LiaisonArticleClient(i).TypeModele
            NomTable = "Modele"

```

```

    Requete()
    If dtt.Rows.Count > 0 Then
        TableauArticle.LiaisonArticleClient(i).NomModele =
dtt.Rows(0).Item("NomModele")
    End If

End If

If TableauArticle.LiaisonArticleClient(i).NoClient <> 0 Then

    sql = "SELECT NomClient FROM Client" & Projet & " WHERE NoClient= " &
TableauArticle.LiaisonArticleClient(i).NoClient
    NomTable = "Client"

    Requete()
    If dtt.Rows.Count > 0 Then
        TableauArticle.LiaisonArticleClient(i).NomClient =
dtt.Rows(0).Item("NomClient")
    End If

End If
Next i

sql = "SELECT * FROM LiaisonArticleFournisseur" & Projet & " WHERE " &
TypeSQL & " = " & ValeurSQL
NomTable = "LiaisonArticleFournisseur"

'selection des fournisseurs pour l'article

Requete()
ReDim TableauArticle.LiaisonArticleFournisseur(dtt.Rows.Count - 1)
TableauArticle.NbLiaisonArticleFournisseur = dtt.Rows.Count
For i = 0 To (TableauArticle.NbLiaisonArticleFournisseur - 1)

    TableauArticle.LiaisonArticleFournisseur(i).NoArticle =
dtt.Rows(i).Item("NoArticle")

    TableauArticle.LiaisonArticleFournisseur(i).NoLiaisonArticleFournisseur =
dtt.Rows(i).Item("NoLiaisonArticleFournisseur")
    TableauArticle.LiaisonArticleFournisseur(i).NoFournisseur =
dtt.Rows(i).Item("NoFournisseur")

```

```

        TableauArticle.LiaisonArticleFournisseur(i).TypeModele =
dttable.Rows(i).Item("TypeModele")
        TableauArticle.LiaisonArticleFournisseur(i).Prix =
dttable.Rows(i).Item("PrixFournisseur")
        TableauArticle.LiaisonArticleFournisseur(i).TypePrix = dttable.Rows(i).Item("TypePrix")
        TableauArticle.LiaisonArticleFournisseur(i).DelaisLivraison =
dttable.Rows(i).Item("DelaisDeLivraison")
        TableauArticle.LiaisonArticleFournisseur(i).NomModele = ""
        TableauArticle.LiaisonArticleFournisseur(i).NomFournisseur = ""
        ' TableauPoste.LiaisonPosteTache(i).TempsTache =
dttable.Rows(i).Item("TempsExecution")
    Next i
    For i = 0 To (TableauArticle.NbLiaisonArticleFournisseur - 1)

        If TableauArticle.LiaisonArticleFournisseur(i).TypeModele <> 0 Then

            sql = "SELECT NomModele" & Projet & " FROM Modele WHERE TypeModele =
" & TableauArticle.LiaisonArticleFournisseur(i).TypeModele
            NomTable = "Modele"

            Requete()
            If dttable.Rows.Count > 0 Then
                TableauArticle.LiaisonArticleFournisseur(i).NomModele =
dttable.Rows(0).Item("NomModele")
            End If

        End If

        If TableauArticle.LiaisonArticleFournisseur(i).NoFournisseur <> 0 Then

            sql = "SELECT NomFournisseur" & Projet & " FROM Fournisseur WHERE
NoFournisseur = " & TableauArticle.LiaisonArticleFournisseur(i).NoFournisseur
            NomTable = "Fournisseur"

            Requete()
            If dttable.Rows.Count > 0 Then
                TableauArticle.LiaisonArticleFournisseur(i).NomFournisseur =
dttable.Rows(0).Item("NomFournisseur")
            End If

        End If
    Next i

```

```
sql = "SELECT * FROM LiaisonArticleModele" & Projet & " WHERE " & TypeSQL &
" = " & ValeurSQL
NomTable = "LiaisonArticleModele"
```

```
' selection modele pour table article
```

```
Requete()
```

```
ReDim TableauArticle.LiaisonArticleModele(dtt.Rows.Count - 1)
```

```
TableauArticle.NbLiaisonArticleModele = dtt.Rows.Count
```

```
For i = 0 To (TableauArticle.NbLiaisonArticleModele - 1)
```

```
TableauArticle.LiaisonArticleModele(i).NoArticle = dtt.Rows(i).Item("NoArticle")
```

```
TableauArticle.LiaisonArticleModele(i).NoArticle = ValeurSQL
```

```
TableauArticle.LiaisonArticleModele(i).NoLiaisonArticleModele =
dtt.Rows(i).Item("NoLiaisonArticleModele")
```

```
TableauArticle.LiaisonArticleModele(i).TypeModele =
dtt.Rows(i).Item("TypeModele")
```

```
TableauArticle.LiaisonArticleModele(i).Prix = dtt.Rows(i).Item("Prix")
```

```
TableauArticle.LiaisonArticleModele(i).TypePrix = dtt.Rows(i).Item("TypePrix")
```

```
TableauArticle.LiaisonArticleModele(i).DelaisLivraison =
dtt.Rows(i).Item("DelaisDeLivraison")
```

```
TableauArticle.LiaisonArticleModele(i).NomModele = ""
```

```
Next i
```

```
For i = 0 To (TableauArticle.NbLiaisonArticleModele - 1)
```

```
If TableauArticle.LiaisonArticleModele(i).TypeModele <> 0 Then
```

```
sql = "SELECT NomModele" & Projet & " FROM Modele WHERE TypeModele =
" & TableauArticle.LiaisonArticleModele(i).TypeModele
```

```
NomTable = "Modele"
```

```
Requete()
```

```
If dtt.Rows.Count > 0 Then
```

```
TableauArticle.LiaisonArticleModele(i).NomModele =
dtt.Rows(0).Item("NomModele")
```

```
End If
```

```
End If
```

```
Next i
```

End Sub

```
Sub SelectModele1(ByVal TypeSQL, ByVal ValeurSQL, ByVal Projet)
```

```
    Dim i As Integer
```

```
    sql = "SELECT * FROM Modele" & Projet & " WHERE " & TypeSQL & " = " &  
ValeurSQL
```

```
    NomTable = "Modele"
```

```
    ' selection pour la table modele
```

```
    Requete()
```

```
    TableauModele.NbVariable = dtt.Rows.Count
```

```
    For i = 0 To (TableauModele.NbVariable - 1)
```

```
        TableauModele.TypeModele = dtt.Rows(i).Item("TypeModele")
```

```
        TableauModele.NomModele = dtt.Rows(i).Item("NomModele")
```

```
        TableauModele.Codebarre = dtt.Rows(i).Item("CodeBarre")
```

```
        TableauModele.Longueur = dtt.Rows(i).Item("Longueur")
```

```
        TableauModele.Largeur = dtt.Rows(i).Item("Largeur")
```

```
        TableauModele.Hauteur = dtt.Rows(i).Item("Hauteur")
```

```
        TableauModele.Poids = dtt.Rows(i).Item("Poids")
```

```
        TableauModele.Volume = dtt.Rows(i).Item("Volume")
```

```
        TableauModele.Description = dtt.Rows(i).Item("Description")
```

```
        TableauModele.RechercheNomModele = dtt.Rows(i).Item("RechercheNomModele")
```

```
        TableauModele.Qualite = dtt.Rows(i).Item("Qualite")
```

```
        TableauModele.Environnement = dtt.Rows(i).Item("Environnement")
```

```
        TableauModele.Origine = dtt.Rows(i).Item("Origine")
```

```
        TableauModele.Prix = dtt.Rows(i).Item("Prix")
```

```
        TableauModele.SatisfactionClient = dtt.Rows(i).Item("SatisfactionClient")
```

```
    Next i
```

```
End Sub
```

```
Sub SelectModele2(ByVal TypeSQL, ByVal ValeurSQL, ByVal Projet)
```

```
    Dim i As Integer
```

```
    sql = "SELECT * FROM LiaisonModeleGamme" & Projet & " WHERE " & TypeSQL  
& " = " & ValeurSQL
```

```
    NomTable = "LiaisonModeleGamme"
```

'selection de la gamme pour modele

Requete()

ReDim TableauModele.LiaisonModeleGamme(dtt.Rows.Count - 1)

TableauModele.NbLiaisonModeleGamme = dtt.Rows.Count

For i = 0 To (dtt.Rows.Count - 1)

 TableauModele.LiaisonModeleGamme(i).NoGamme =
dtt.Rows(i).Item("NoGamme")

 TableauModele.LiaisonModeleGamme(i).NoLiaisonModeleGamme =
dtt.Rows(i).Item("NoLiaisonModeleGamme")

 TableauModele.LiaisonModeleGamme(i).RangGamme =
dtt.Rows(i).Item("RangGamme")

 TableauModele.LiaisonModeleGamme(i).TypeModele =
dtt.Rows(i).Item("TypeModele")

Next i

For i = 0 To (TableauModele.NbLiaisonModeleGamme - 1)

 If TableauModele.LiaisonModeleGamme(i).NoGamme <> 0 Then

 sql = "SELECT NomGamme FROM Gamme" & Projet & " WHERE NoGamme =
" & TableauModele.LiaisonModeleGamme(i).NoGamme
 NomTable = "Gamme"

 Requete()

 If dtt.Rows.Count > 0 Then

 TableauModele.LiaisonModeleGamme(i).Nomgamme =
dtt.Rows(0).Item("NomGamme")

 End If

 End If

Next i

 sql = "SELECT * FROM LiaisonModeleCarTech" & Projet & " WHERE " & TypeSQL
& " = " & ValeurSQL

 NomTable = "LiaisonModeleCarTech"

'selection des caracteristiques techniques pour modele

```

Requete()
ReDim TableauModele.LiaisonModeleCarTech(dtt.Rows.Count - 1)
TableauModele.NbLiaisonModeleCarTech = dtt.Rows.Count
For i = 0 To (dtt.Rows.Count - 1)

    TableauModele.LiaisonModeleCarTech(i).TypeValeur =
dtt.Rows(i).Item("TypeValeur")

    TableauModele.LiaisonModeleCarTech(i).NoLiaisonModeleCarTech =
dtt.Rows(i).Item("NoLiaisonModeleCarTech")
    TableauModele.LiaisonModeleCarTech(i).ValeurVoulue =
dtt.Rows(i).Item("ValeurVoulue")
    TableauModele.LiaisonModeleCarTech(i).TypeModele =
dtt.Rows(i).Item("TypeModele")
    TableauModele.LiaisonModeleCarTech(i).NoCarTech =
dtt.Rows(i).Item("NoCaracteristiqueTechnique")
    Next i
    For i = 0 To (TableauModele.NbLiaisonModeleCarTech - 1)
        If TableauModele.LiaisonModeleCarTech(i).NoCarTech <> 0 Then

            sql = "SELECT NomCaracteristiqueTechnique, ValeurVoulue FROM
CaracteristiquesTechniques" & Projet & " WHERE NoCaracteristiqueTechnique = " &
TableauModele.LiaisonModeleCarTech(i).NoCarTech
            NomTable = "CaracteristiquesTechniques"

            Requete()
            If dtt.Rows.Count > 0 Then
                TableauModele.LiaisonModeleCarTech(i).NomCarTech =
dtt.Rows(0).Item("NomCaracteristiqueTechnique")
                If TableauModele.LiaisonModeleCarTech(i).ValeurVoulue = 0 Then
                    TableauModele.LiaisonModeleCarTech(i).ValeurVoulue =
dtt.Rows(0).Item("ValeurVoulue")
                End If
            End If
        End If
    Next i

End Sub

```


LE CODE DE LA TABLE ARTICLE

Public Class SaisieArticle

Private Sub SaisieArticle_Load(sender As Object, e As EventArgs) Handles MyBase.Load

Dim PresenceProjet As Boolean

Dim i As Integer

Dim j As Integer

Me.Text = TableauAffichage.GroupAffichage(1).Donnees(1).Libelle(NumLangueDem - 1)

ProduitFini.Text =

TableauAffichage.GroupAffichage(0).Donnees(51).Libelle(NumLangueDem - 1)

Produitachete.Text =

TableauAffichage.GroupAffichage(0).Donnees(49).Libelle(NumLangueDem - 1)

ProduitSemiFini.Text =

TableauAffichage.GroupAffichage(0).Donnees(50).Libelle(NumLangueDem - 1)

GroupBox1.Text =

TableauAffichage.GroupAffichage(0).Donnees(48).Libelle(NumLangueDem - 1)

PrixFixe.Text =

TableauAffichage.GroupAffichage(0).Donnees(47).Libelle(NumLangueDem - 1)

Label11.Text =

TableauAffichage.GroupAffichage(0).Donnees(34).Libelle(NumLangueDem - 1)

Label7.Text =

TableauAffichage.GroupAffichage(0).Donnees(33).Libelle(NumLangueDem - 1)

Label17.Text =

TableauAffichage.GroupAffichage(0).Donnees(133).Libelle(NumLangueDem - 1)

Label18.Text =

TableauAffichage.GroupAffichage(0).Donnees(134).Libelle(NumLangueDem - 1)

Label13.Text =

TableauAffichage.GroupAffichage(0).Donnees(172).Libelle(NumLangueDem - 1)

Label15.Text =

TableauAffichage.GroupAffichage(0).Donnees(173).Libelle(NumLangueDem - 1)

Label14.Text =

TableauAffichage.GroupAffichage(0).Donnees(174).Libelle(NumLangueDem - 1)

Label16.Text =

TableauAffichage.GroupAffichage(0).Donnees(154).Libelle(NumLangueDem - 1)

TypePoids.Text =
TableauAffichage.GroupAffichage(0).Donnees(166).Libelle(NumLangueDem - 1)
PoidsVariable.Text =
TableauAffichage.GroupAffichage(0).Donnees(47).Libelle(NumLangueDem - 1)
PoidsFixe.Text =
TableauAffichage.GroupAffichage(0).Donnees(167).Libelle(NumLangueDem - 1)

PrixFixe.Text =
TableauAffichage.GroupAffichage(0).Donnees(171).Libelle(NumLangueDem - 1)

Label11.Text =
TableauAffichage.GroupAffichage(0).Donnees(168).Libelle(NumLangueDem - 1)

Label4.Text =
TableauAffichage.GroupAffichage(0).Donnees(170).Libelle(NumLangueDem - 1)

Label20.Text =
TableauAffichage.GroupAffichage(0).Donnees(221).Libelle(NumLangueDem - 1)

NoFournisseur.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(52).Libelle(NumLangueDem - 1)
NomFournisseur.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(53).Libelle(NumLangueDem - 1)
TypeModeleFournisseur.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(35).Libelle(NumLangueDem - 1)
NomModeleFournisseur.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(36).Libelle(NumLangueDem - 1)
DelaisLivraisonFournisseur.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(63).Libelle(NumLangueDem - 1)
PrixFournisseur.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(37).Libelle(NumLangueDem - 1)
TypePrixFournisseur.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(69).Libelle(NumLangueDem - 1)

NoClient.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(104).Libelle(NumLangueDem - 1)
NomClient.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(105).Libelle(NumLangueDem - 1)
TypeModeleClient.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(35).Libelle(NumLangueDem - 1)
NomModeleClient.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(36).Libelle(NumLangueDem - 1)

```

    DélaisLivraisonClient.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(63).Libelle(NumLangueDem - 1)
    PrixClient.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(37).Libelle(NumLangueDem - 1)
    TypePrixClient.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(69).Libelle(NumLangueDem - 1)

    TypeModele.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(35).Libelle(NumLangueDem - 1)
    NomModele.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(36).Libelle(NumLangueDem - 1)
    PrixModele.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(37).Libelle(NumLangueDem - 1)
    TypePrixModele.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(69).Libelle(NumLangueDem - 1)

    Enregistrer.Text =
TableauAffichage.GroupAffichage(0).Donnees(114).Libelle(NumLangueDem - 1)
    Supprimer.Text =
TableauAffichage.GroupAffichage(0).Donnees(115).Libelle(NumLangueDem - 1)
    Quitter.Text =
TableauAffichage.GroupAffichage(0).Donnees(116).Libelle(NumLangueDem - 1)

    Me.PoidsFixe.Checked = True
    Me.PrixFixe.Checked = True
    Me.ProduitFini.Checked = True

    Me.NomProjet.Text = ""

    PresenceProjet = SelectProjet()
    If PresenceProjet = True Then
        Me.Label20.Visible = True
        Me.NoProjet.Visible = True
        Me.NomProjet.Visible = True

    Else
        Me.Label20.Visible = False
        Me.NoProjet.Visible = False
        Me.NomProjet.Visible = False

    End If

    SelectTypePrix1()
    ' SelectTypeQuantite1()

```

```
SelectTypeQuantite1()
```

```
Me.TypeConditionnement.Items.Clear()
```

```
For j = 0 To (TableauTypeQuantite.NbVariable - 1)
```

```
    Me.TypeConditionnement.Items.Add(TableauTypeQuantite.NomTypeQuantite(j))
```

```
Next j
```

```
TypePrixFournisseur.Items.Clear()
```

```
TypePrixClient.Items.Clear()
```

```
TypePrixModele.Items.Clear()
```

```
For i = 0 To (TableauTypePrix.NbVariable - 1)
```

```
    TypePrixFournisseur.Items.Add(TableauTypePrix.NomTypePrix(i))
```

```
Next i
```

```
For i = 0 To (TableauTypePrix.NbVariable - 1)
```

```
    TypePrixClient.Items.Add(TableauTypePrix.NomTypePrix(i))
```

```
Next i
```

```
For i = 0 To (TableauTypePrix.NbVariable - 1)
```

```
    TypePrixModele.Items.Add(TableauTypePrix.NomTypePrix(i))
```

```
Next i
```

```
End Sub
```

```
Private Sub NoProjet_Leave(sender As System.Object, e As System.EventArgs) Handles  
NoProjet.Leave
```

```
    Dim PresenceProjet As Integer
```

```
    Dim msg As String
```

```
    Dim res As Integer
```

```
    If Me.NoProjet.Text <> "" And IsNumeric(Me.NoProjet.Text) Then
```

```
        PresenceProjet = SelectProjet2(Me.NoProjet.Text)
```

```
        If PresenceProjet = False Then
```

```

1)      msg = TableauAffichage.GroupAffichage(2).Donnees(6).Libelle(NumLangueDem -
      res = MsgBox(msg, MsgBoxStyle.OkOnly)
      Me.NomProjet.Text = ""
      Me.NoProjet.Select()
      Else
      Me.NomProjet.Text = TableauProjet.NomProjet

      End If
      Else
      ' Me.NoProjet.Text = ""
      ' Me.NomProjet.Text = ""
      End If

      End Sub

```

```

Private Sub NoArticle_TextChanged(sender As System.Object, e As System.EventArgs)
Handles NoArticle.TextChanged

```

```

    Dim i As Integer

```

```

    Dim TypeArticle As String

```

```

    Dim ValeurArticle As Integer

```

```

    If Me.NoArticle.Text <> "" And IsNumeric(Me.NoArticle.Text) Then

```

```

        TypeArticle = "NoArticle"

```

```

        ValeurArticle = Me.NoArticle.Text

```

```

        SelectArticle1(TypeArticle, ValeurArticle, Me.NoProjet.Text)

```

```

        SelectArticle2(TypeArticle, ValeurArticle, Me.NoProjet.Text)

```

```

    If (TableauArticle.NbVariable = 0) Then

```

```

        ' Me.NoEntreprise.Text = ""

```

```

        ' Me.NomEntreprise.Text = ""

```

```

        ReinitialiserSaisieArticle()

```

```

        ' Me.NoSIRET.Text = ""

```

```

        ' Me.Adr1.Text = ""

```

```

        ' Me.Adr2.Text = ""

```

```

        ' Me.CP.Text = ""

```

```
Me.Ville.Text = ""
' Me.Pays.Text = ""
Me.Description.Text = ""
Else
```

```
For i = 0 To (TableauArticle.NbVariable - 1)
    If CInt(Me.NoArticle.Text) = CInt(TableauArticle.NoArticle) Then
        ' Me.NoEntreprise.Text = dt.Rows(i).Item("NoEntreprise")
        Me.NomArticle.Text = TableauArticle.NomArticle
        MAJArticle()
    End If
Next i
End If
```

```
Else
    Me.NoArticle.Text = ""
    Me.NomArticle.Text = ""
    ReinitialiserSaisieArticle()
End If
```

```
End Sub
```

```
' End Sub
Private Sub TrouverRapide_TextChanged(sender As System.Object, e As
System.EventArgs) Handles TrouverRapide.TextChanged
    Dim i As Integer
    Dim TypeArticle As String
    Dim ValeurArticle As String

    If Me.TrouverRapide.Text <> "" Then

        ' sql = "SELECT NoEntreprise, NomEntreprise, NoSIRET, Adr1, Adr2, CP, Ville,
Pays, Description FROM Entreprise WHERE NoEntreprise = " & Me.NoEntreprise.Text
        NomTable = "Entreprise"
        TypeArticle = "RechercheNomArticle"
        ValeurArticle = "" & Me.TrouverRapide.Text & "" '
```

```
SelectArticle1(TypeArticle, ValeurArticle, Me.NoProjet.Text)
```

```
If (TableauArticle.NbVariable = 0) Then
```

```
    Me.NoArticle.Text = ""
```

```
Else
```

```
    For i = 0 To (TableauArticle.NbVariable - 1)
```

```
        Me.NoArticle.Text = TableauArticle.NoArticle
```

```
        ' Me.NomEntreprise.Text = TableauEntreprise.NomEntreprise
```

```
        MAJArticle()
```

```
    Next i
```

```
End If
```

```
End If
```

```
End Sub
```

```
Private Sub InserirArticle(ByVal CleAttribuee)
```

```
    Dim ValeurInsert As String
```

```
    Dim Sp As String
```

```
    Dim NomInsert As String
```

```
    Dim TypeArt As Integer
```

```
    Dim TypPrix As Integer
```

```
    Dim PoidsVar As Integer
```

```
    ' Dim EnregistrementPrix As Double
```

```
If Not (IsNumeric(Me.NoArticleCondInf.Text)) Then
```

```

    Me.NoArticleCondInf.Text = 0
End If

If Not (IsNumeric(Me.QuantiteCondInf.Text)) Then
    Me.QuantiteCondInf.Text = 0
End If

If Me.Produitachete.Checked = True Then
    TypeArt = 1
End If
If Me.ProduitSemiFini.Checked = True Then
    TypeArt = 2
End If
If Me.ProduitFini.Checked = True Then
    TypeArt = 3

End If

If Me.PrixFixe.Checked = True Then
    TypPrix = 1
Else
    TypPrix = 0

End If
If Me.PoidsVariable.Checked Then
    PoidsVar = 1
Else
    PoidsVar = 0
End If

' Dim CleAttribuee As String

Sp = ", "
ValeurInsert = ""
ValeurInsert = CStr(CleAttribuee) & Sp
NomInsert = "NoArticle,"

```



```
ValeurInsert = ValeurInsert & Me.NomArticle.Text & Sp
NomInsert = NomInsert & "NomArticle,"
ValeurInsert = ValeurInsert & Me.NomArticleAbrege.Text & Sp
NomInsert = NomInsert & "RechercheNomArticle,"
ValeurInsert = ValeurInsert & "0" & Sp
NomInsert = NomInsert & "NoProjet,"
```

```
ValeurInsert = ValeurInsert & TypPrix & Sp
NomInsert = NomInsert & "PrixFixe,"
ValeurInsert = ValeurInsert & PoidsVar & Sp
NomInsert = NomInsert & "PoidsVariable,"
' ValeurInsert = ValeurInsert & Me.CodeBarre.Text & Sp
' NomInsert = NomInsert & "CodeBarre,"
ValeurInsert = ValeurInsert & Me.TypeArticle.Text & Sp
NomInsert = NomInsert & "CategorieArticle,"
```

```
ValeurInsert = ValeurInsert & Me.TypeConditionnement.Text & Sp
NomInsert = NomInsert & "TypeConditionnement,"
ValeurInsert = ValeurInsert & Me.NoArticleCondInf.Text & Sp
NomInsert = NomInsert & "NoArticleCondInf,"
ValeurInsert = ValeurInsert & Me.QuantiteCondInf.Text & Sp
NomInsert = NomInsert & "QuantiteCondInf,"
ValeurInsert = ValeurInsert & Me.TypeQuantiteCondInf.Text & Sp
NomInsert = NomInsert & "TypeQuantiteCondInf,"
ValeurInsert = ValeurInsert & Me.TVA.Text & Sp
NomInsert = NomInsert & "TVA,"
ValeurInsert = ValeurInsert & TypeArt & Sp
NomInsert = NomInsert & "TypeArticle,"
```

```
ValeurInsert = ValeurInsert & Me.Description.Text
NomInsert = NomInsert & "Description"
sql = "INSERT INTO Article" & Me.NoProjet.Text & " (" & NomInsert & ") VALUES
(" & ValeurInsert & ")"
```

```
NomTable = "Article"
```

```
Requete()
```

```
End Sub
```

```
Private Sub ModifierArticle(ByVal CleAttribuee)
```

Dim Sp1 As String

Dim Sp2 As String

Dim NomUpdate As String

' Dim EnregistrementPrix As Double

Dim TypeArt As Integer

Dim TypPrix As Integer

Dim PoidsVar As Integer

' Dim EnregistrementPrix As Double

If Not (IsNumeric(Me.NoArticleCondInf.Text)) Then

 Me.NoArticleCondInf.Text = 0

End If

If Not (IsNumeric(Me.QuantiteCondInf.Text)) Then

 Me.QuantiteCondInf.Text = 0

End If

If Me.Produitachete.Checked = True Then

 TypeArt = 1

End If

If Me.ProduitSemiFini.Checked = True Then

 TypeArt = 2

End If

If Me.ProduitFini.Checked = True Then

 TypeArt = 3

End If

If Me.PrixFixe.Checked = True Then

 TypPrix = 1

Else

 TypPrix = 0

End If

If Me.PoidsVariable.Checked Then

 PoidsVar = 1

```

Else
    PoidsVar = 0
End If

Sp1 = " = "
Sp2 = ", "
NomUpdate = "NomArticle" & Sp1 & Me.NomArticle.Text & Sp2
NomUpdate = NomUpdate & "RechercheNomArticle" & Sp1 &
Me.NomArticleAbrege.Text & Sp2
NomUpdate = NomUpdate & "NoProjet" & Sp1 & "0" & Sp2

NomUpdate = NomUpdate & "PrixFixe" & Sp1 & TypPrix & Sp2
NomUpdate = NomUpdate & "PoidsVariable" & Sp1 & PoidsVar & Sp2
' NomUpdate = NomUpdate & "CodeBarre" & Sp1 & Me.CodeBarre.Text & Sp2
NomUpdate = NomUpdate & "CategorieArticle" & Sp1 & TypeArticle.Text & Sp2
NomUpdate = NomUpdate & "TypeArticle" & Sp1 & TypeArt & Sp2
NomUpdate = NomUpdate & "TypeConditionnement" & Sp1 &
Me.TypeConditionnement.Text & Sp2
NomUpdate = NomUpdate & "NoArticleCondInf" & Sp1 & Me.NoArticleCondInf.Text
& Sp2
NomUpdate = NomUpdate & "QuantiteCondInf" & Sp1 & Me.QuantiteCondInf.Text &
Sp2
NomUpdate = NomUpdate & "TypeQuantiteCondInf" & Sp1 &
Me.TypeQuantiteCondInf.Text & Sp2
NomUpdate = NomUpdate & "TVA" & Sp1 & Me.TVA.Text & Sp2

NomUpdate = NomUpdate & "Description" & Sp1 & Me.Description.Text
sql = "UPDATE Article" & Me.NoProjet.Text & " SET " & NomUpdate & " WHERE
NoArticle = " & CleAttribuee
NomTable = "Article"

Requete()
End Sub

Private Sub Supprimer_Click(sender As System.Object, e As System.EventArgs) Handles
Supprimer.Click
    Dim msg As String
    Dim res As Integer

    If Me.NoArticle.Text <> "" Then
        msg = TableauAffichage.GroupAffichage(2).Donnees(1).Libelle(NumLangueDem -
1)
        res = MsgBox(msg, MsgBoxStyle.OkCancel)
    
```

If res = vbOK Then

```
    sql = "SELECT NoArticle FROM Article" & Me.NoProjet.Text & " WHERE  
NoArticle = " & Me.NoArticle.Text  
    NomTable = "Article"
```

Requete()

If dt.Rows.Count <> 0 Then

```
    sql = "DELETE FROM Article" & Me.NoProjet.Text & " WHERE NoArticle = "  
& Me.NoArticle.Text
```

```
    NomTable = "Article"
```

```
    Requete()
```

End If

```
    sql = "DELETE FROM LiaisonArticleClient" & Me.NoProjet.Text & " WHERE  
NoArticle = " & Me.NoArticle.Text
```

```
    NomTable = "LiaisonArticleClient"
```

Requete()

```
    sql = "DELETE FROM LiaisonArticleFournisseur" & Me.NoProjet.Text & "  
WHERE NoArticle = " & Me.NoArticle.Text
```

```
    NomTable = "LiaisonArticleFournisseur"
```

```
    Requete()
```

```
    sql = "DELETE FROM LiaisonArticleModele" & Me.NoProjet.Text & " WHERE  
NoArticle = " & Me.NoArticle.Text
```

```
    NomTable = "LiaisonArticleModele"
```

```
    Requete()
```

```
    Me.NoArticle.Text = ""
```

```
    Me.NomArticle.Text = ""
```

```
    ReinitialiserSaisieArticle()
```

End If

End If

End Sub

```
Private Sub Client_KeyDown(sender As Object, e As  
System.Windows.Forms.KeyEventArgs) Handles Client.KeyDown  
If e.KeyCode = Keys.Tab Or e.KeyCode = Keys.Enter Then
```

```
    MAJClient()
```

```
End If
```

```
    If e.KeyCode = Keys.Delete And Me.Client.RowCount > 0 And  
Me.Client.CurrentRow.Index < (Me.Client.RowCount - 1) Then  
        Me.Client.Rows.RemoveAt(Me.Client.CurrentRow.Index)  
    End If  
End Sub
```

```
Private Sub Fournisseur_KeyDown(sender As Object, e As  
System.Windows.Forms.KeyEventArgs) Handles Fournisseur.KeyDown  
If e.KeyCode = Keys.Tab Or e.KeyCode = Keys.Enter Then
```

```
    MAJFournisseur()
```

```
End If
```

```
    If e.KeyCode = Keys.Delete And Me.Fournisseur.RowCount > 0 And  
Me.Fournisseur.CurrentRow.Index < (Me.Fournisseur.RowCount - 1) Then  
        Me.Fournisseur.Rows.RemoveAt(Me.Fournisseur.CurrentRow.Index)  
    End If  
End Sub
```

```
Private Sub Modele_KeyDown(sender As Object, e As  
System.Windows.Forms.KeyEventArgs) Handles Modele.KeyDown  
If e.KeyCode = Keys.Tab Or e.KeyCode = Keys.Enter Then
```

```
    MAJModele()
```

```
End If
```

```
    If e.KeyCode = Keys.Delete And Me.Modele.RowCount > 0 And
Me.Modele.CurrentRow.Index < (Me.Modele.RowCount - 1) Then
        Me.Modele.Rows.RemoveAt(Me.Modele.CurrentRow.Index)
    End If
End Sub
```

```
Private Sub ReinitialiserSaisieArticle()
    ' Dim i As Integer
    ' Dim RowToDelete As Int32 =
Me.Site.Rows.GetFirstRow(DataGridViewElementStates.)
    ' Dim NbToDelete As Int32 = Me.Site.Rows.GetRowCount(datagridviewelementstat

    ' Me.NoEntreprise.Text = ""
    Me.NomArticle.Text = ""

    Me.Description.Text = ""

    Me.PoidsFixe.Checked = True
    Me.PrixFixe.Checked = True
    Me.ProduitFini.Checked = True

    Me.TypeArticle.Text = ""
    Me.TypeConditionnement.Text = ""
    Me.NoArticleCondInf.Text = ""
    Me.NomArticleCondInf.Text = ""
    Me.NomArticleCondInf.Text = ""
    Me.QuantiteCondInf.Text = ""
    Me.TypeQuantiteCondInf.Text = ""
    Me.TVA.Text = ""
    Me.NomArticleAbrege.Text = ""
    LogoArticle.Image = Image.FromFile(TableauParametres.Parametres(0).Données(5).Adr
& "\Default.jpg")
    Me.Client.Rows.Clear()
    Me.Fournisseur.Rows.Clear()
    Me.Modele.Rows.Clear()
End Sub
```

```
Sub MAJArticle()
    Dim j As Integer

    Dim i As Integer
```

Me.NomArticle.Text = TableauArticle.NomArticle

Me.Description.Text = TableauArticle.Description

Me.NomArticleAbrege.Text = TableauArticle.RechercheNomArticle

Me.CodeBarre.Text = TableauArticle.Codebarre

Me.TypeArticle.Text = TableauArticle.CategorieArticle

Me.TypeConditionnement.Text = TableauArticle.TypeConditionnement

Me.NoArticleCondInf.Text = TableauArticle.NoArticleCondInf

Me.QuantiteCondInf.Text = TableauArticle.QuantiteCondInf

Me.TypeQuantiteCondInf.Text = TableauArticle.TypeQuantiteCondInf

Me.TVA.Text = TableauArticle.TVA

If TableauArticle.TypeArticle = 1 Then

 Me.Produitachete.Checked = True

End If

If TableauArticle.TypeArticle = 2 Then

 Me.ProduitSemiFini.Checked = True

End If

If TableauArticle.TypeArticle = 3 Then

 Me.ProduitFini.Checked = True

End If

If TableauArticle.PrixFixe = 1 Then

 Me.PrixFixe.Checked = True

Else

 Me.PrixFixe.Checked = False

End If

If TableauArticle.PoidsVariable = 1 Then

 Me.PoidsVariable.Checked = True

 Me.PoidsFixe.Checked = False

Else

 Me.PoidsVariable.Checked = False

 Me.PoidsFixe.Checked = True

End If

```
If Me.NomArticleAbrege.Text <> "" And  
(My.Computer.FileSystem.FileExists(TableauParametres.Parametres(0).Données(5).Adr &  
"\" & Me.NomArticleAbrege.Text & ".jpg")) = True Then
```

```
    TableauParametres.Parametres(0).Données(4).Adr & "\" &  
    NomEntrepriseAbrege.Text & ".jpg")) Then  
        Me.LogoArticle.Image =  
        Image.FromFile(TableauParametres.Parametres(0).Données(5).Adr & "\" &  
        Me.NomArticleAbrege.Text & ".jpg")  
    End If
```

```
    Me.Fournisseur.Rows.Clear()  
    Me.Client.Rows.Clear()  
    Me.Modele.Rows.Clear()  
    TypeTempsString =  
    Me.TypeTemps.Items(TableauTache.LiaisonTachePoste(j).TypeTemps)  
    Me.TypeTemps.Selected
```

```
For j = 0 To CInt(TableauArticle.NbLiaisonArticleModele - 1)  
    'If TableauTache.NoTache = TableauTache.LiaisonTachePoste(j).NoTache Then  
    'For i = 0 To (tableauListePoste2.NbLiaisonTachePoste - 1)  
    'If TableauTache.LiaisonTachePoste(j).NoPoste =  
tableauListePoste2.LiaisonTachePoste(i).NoPoste Then  
        TableauLiaisonEntrepriseSite.ListeSite(i).NoSite = dt.Rows(i).Item("NoSite")  
        TableauTache.LiaisonTachePoste(j).NomPoste =  
tableauListePoste2.LiaisonTachePoste(i).NomPoste  
    ' End If
```

```
    ' Next i
```

```
    'If TableauEntreprise.LiaisonEntrepriseSite(j).NoSite =  
TableauLiaisonEntrepriseSite.ListeSite(k) Then  
        Me.Modele.Rows.Add(TableauArticle.LiaisonArticleModele(j).TypeModele,  
TableauArticle.LiaisonArticleModele(j).NomModele,  
TableauArticle.LiaisonArticleModele(j).Prix,  
TableauArticle.LiaisonArticleModele(j).TypePrix,  
TableauArticle.LiaisonArticleModele(j).DelaisLivraison)
```

```
    ' End If  
Next j
```



```
For j = 0 To CInt(TableauArticle.NbLiaisonArticleFournisseur - 1)
```

```
Me.Fournisseur.Rows.Add(TableauArticle.LiaisonArticleFournisseur(j).NoFournisseur,  
TableauArticle.LiaisonArticleFournisseur(j).NomFournisseur,  
TableauArticle.LiaisonArticleFournisseur(j).TypeModele,  
TableauArticle.LiaisonArticleFournisseur(j).NomModele,  
TableauArticle.LiaisonArticleFournisseur(j).Prix,  
TableauArticle.LiaisonArticleFournisseur(j).TypePrix,  
TableauArticle.LiaisonArticleFournisseur(j).DelaisLivraison)
```

```
    ' End If  
Next j
```

```
For j = 0 To CInt(TableauArticle.NbLiaisonArticleClient - 1)
```

```
    Me.Client.Rows.Add(TableauArticle.LiaisonArticleClient(j).NoClient,  
TableauArticle.LiaisonArticleClient(j).NomClient,  
TableauArticle.LiaisonArticleClient(j).TypeModele,  
TableauArticle.LiaisonArticleClient(j).NomModele,  
TableauArticle.LiaisonArticleClient(j).Prix, TableauArticle.LiaisonArticleClient(j).TypePrix,  
TableauArticle.LiaisonArticleClient(j).DelaisLivraison)
```

```
    ' End If  
Next j
```

```
End Sub
```

```
Sub MAJModele()
```

```
    Dim i As Integer
```

```
    ' If Me.Poste.Rows(Me.Poste.CurrentRow.Index).Cells(0).ColumnIndex = 0 Then
```

```
        If Me.Modele.Rows(Me.Modele.CurrentRow.Index).Cells(0).Value <> "" And  
IsNumeric(Me.Modele.Rows(Me.Modele.CurrentRow.Index).Cells(0).Value) Then
```

```
            sql = "SELECT NomModele FROM Modele" & Me.NoProjet.Text & " WHERE  
TypeModele = " & Me.Modele.Rows(Me.Modele.CurrentRow.Index).Cells(0).Value  
NomTable = "Modele"
```

```
            Requete()
```

```
            If dtc.Rows.Count > 0 Then
```

```

        Me.Modele.Rows(Me.Modele.CurrentRow.Index).Cells(1).Value =
dttable.Rows(0).Item("NomModele")
    Else
        Me.Modele.Rows(Me.Modele.CurrentRow.Index).Cells(1).Value = ""
    End If
Else
    Me.Modele.Rows(Me.Modele.CurrentRow.Index).Cells(1).Value = ""
End If

' End If
End Sub

Sub MAJFournisseur()
    Dim i As Integer
    ' If Me.ItemsToDoIt.Rows(Me.ItemsToDoIt.CurrentRow.Index).Cells(0).ColumnIndex
= 0 Then

        If IsNumeric(Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(0).Value)
Then
            sql = "SELECT NomFournisseur FROM Fournisseur" & Me.NoProjet.Text & "
WHERE NoFournisseur = " &
Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(0).Value
            NomTable = "Fournisseur"

            Requete()
            If dttable.Rows.Count > 0 Then

                Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(1).Value =
dttable.Rows(0).Item("NomFournisseur")
            Else
                Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(1).Value = ""
            End If
        Else
            Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(1).Value = ""
        End If

        If IsNumeric(Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(2).Value)
Then

```

```
sql = "SELECT NomModele FROM Modele" & Me.NoProjet.Text & " WHERE  
TypeModele = " & Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(2).Value  
NomTable = "Modele"
```

```
Requete()
```

```
If dtt.Rows.Count > 0 Then
```

```
Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(3).Value =  
dtt.Rows(0).Item("NomModele")
```

```
Else
```

```
Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(3).Value = ""
```

```
End If
```

```
Else
```

```
Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(3).Value = ""
```

```
End If
```

```
' End If
```

```
End Sub
```

```
Sub MAJClient()
```

```
Dim i As Integer
```

```
' If Me.ItemsToDoIt.Rows(Me.ItemsToDoIt.CurrentRow.Index).Cells(0).ColumnIndex  
= 0 Then
```

```
If IsNumeric(Me.Client.Rows(Me.Client.CurrentRow.Index).Cells(0).Value) Then
```

```
sql = "SELECT NomClient FROM Client" & Me.NoProjet.Text & " WHERE  
NoClient = " & Me.Fournisseur.Rows(Me.Fournisseur.CurrentRow.Index).Cells(0).Value  
NomTable = "Client"
```

```
Requete()
```

```
If dtt.Rows.Count > 0 Then
```

```
Me.Client.Rows(Me.Client.CurrentRow.Index).Cells(1).Value =  
dtt.Rows(0).Item("NomClient")
```

```
Else
```

```
Me.Client.Rows(Me.Client.CurrentRow.Index).Cells(1).Value = ""
```

```
End If
```

```
Else
```

```
Me.Client.Rows(Me.Client.CurrentRow.Index).Cells(1).Value = ""
```

```
End If
```

```

If IsNumeric(Me.Client.Rows(Me.Client.CurrentRow.Index).Cells(2).Value) Then

    sql = "SELECT NomModele FROM Modele" & Me.NoProjet.Text & " WHERE
TypeModele = " & Me.Client.Rows(Me.Client.CurrentRow.Index).Cells(2).Value
    NomTable = "Modele"

    Requete()
    If dt.Rows.Count > 0 Then

        Me.Client.Rows(Me.Client.CurrentRow.Index).Cells(3).Value =
dt.Rows(0).Item("NomModele")
    Else
        Me.Client.Rows(Me.Client.CurrentRow.Index).Cells(3).Value = ""
    End If
Else
    Me.Client.Rows(Me.Client.CurrentRow.Index).Cells(3).Value = ""

End If
' End If

End Sub

```

```

Sub EnregistrerModele(ByVal CleAttribuee)
    Dim i As Integer
    Dim ValeurInsert As String
    Dim Sp As String

    Sp = ", "

    sql = "DELETE FROM LiaisonArticleModele" & Me.NoProjet.Text & " WHERE
NoArticle = " & CleAttribuee
    NomTable = "LiaisonArticleModele"
    Requete()
    For i = 0 To Me.Modele.RowCount - 2
        If Not (IsNumeric(Me.Modele.Rows(i).Cells(0).Value)) Then
            Me.Modele.Rows(i).Cells(0).Value = 0
        End If

        If Not (IsNumeric(Me.Modele.Rows(i).Cells(2).Value)) Then
            Me.Modele.Rows(i).Cells(2).Value = 0
        End If
    Next i
End Sub

```

End If

```
ValeurInsert = CleAttribuee & Sp & Me.Modele.Rows(i).Cells(0).Value & Sp &  
Me.Modele.Rows(i).Cells(2).Value & Sp & Me.Modele.Rows(i).Cells(3).Value & Sp & "0"  
sql = "INSERT INTO LiaisonArticleModele" & Me.NoProjet.Text & " (NoArticle,  
TypeModele, Prix, TypePrix, DelaisDeLivraison) VALUES (" & ValeurInsert & ")"
```

```
NomTable = "LiaisonArticleModele"
```

```
Requete()
```

Next

End Sub

```
Sub EnregistrerFournisseur(ByVal CleAttribuee)
```

```
Dim i As Integer
```

```
Dim ValeurInsert As String
```

```
Dim Sp As String
```

```
Dim RangQuantite As Integer
```

```
Sp = ", "
```

```
sql = "DELETE FROM LiaisonArticleFournisseur" & Me.NoProjet.Text & " WHERE  
NoArticle = " & CleAttribuee
```

```
NomTable = "LiaisonArticleFournisseur"
```

```
Requete()
```

```
For i = 0 To Me.Fournisseur.RowCount - 2
```

```
If Not (IsNumeric(Me.Fournisseur.Rows(i).Cells(4).Value)) Then
```

```
Me.Fournisseur.Rows(i).Cells(4).Value = 0
```

```
End If
```

```
If Not (IsNumeric(Me.Fournisseur.Rows(i).Cells(6).Value)) Then
```

```
Me.Fournisseur.Rows(i).Cells(6).Value = 0
```

```
End If
```

```
If Not (IsNumeric(Me.Fournisseur.Rows(i).Cells(0).Value)) Then
```

```
Me.Fournisseur.Rows(i).Cells(0).Value = 0
```

```
End If
```

```
If Not (IsNumeric(Me.Fournisseur.Rows(i).Cells(2).Value)) Then
    Me.Fournisseur.Rows(i).Cells(2).Value = 0
End If
```

```
ValeurInsert = CleAttribuee & Sp & Me.Fournisseur.Rows(i).Cells(0).Value & Sp &
Me.Fournisseur.Rows(i).Cells(2).Value & Sp & Me.Fournisseur.Rows(i).Cells(4).Value & Sp
& Me.Fournisseur.Rows(i).Cells(5).Value & Sp & Me.Fournisseur.Rows(i).Cells(6).Value
    sql = "INSERT INTO LiaisonArticleFournisseur" & Me.NoProjet.Text & "
(NoArticle, NoFournisseur, TypeModele, PrixFournisseur, TypePrix, DelaisDeLivraison)
VALUES (" & ValeurInsert & ")"
```

```
NomTable = "LiaisonArticleFournisseur"
```

```
Requete()
```

```
Next
```

```
End Sub
```

```
Sub EnregistrerClient(ByVal CleAttribuee)
```

```
    Dim i As Integer
```

```
    Dim ValeurInsert As String
```

```
    Dim Sp As String
```

```
    Sp = ", "
```

```
    sql = "DELETE FROM LiaisonArticleClient" & Me.NoProjet.Text & " WHERE
NoArticle = " & CleAttribuee
```

```
    NomTable = "LiaisonArticleClient"
```

```
    Requete()
```

```
    For i = 0 To Me.Client.RowCount - 2
```

```
        If Not (IsNumeric(Me.Client.Rows(i).Cells(4).Value)) Then
```

```
            Me.Client.Rows(i).Cells(4).Value = 0
```

```
        End If
```

```
        If Not (IsNumeric(Me.Client.Rows(i).Cells(6).Value)) Then
```

```
            Me.Client.Rows(i).Cells(6).Value = 0
```

```
        End If
```

```
If Not (IsNumeric(Me.Client.Rows(i).Cells(0).Value)) Then
    Me.Client.Rows(i).Cells(0).Value = 0
End If
If Not (IsNumeric(Me.Client.Rows(i).Cells(2).Value)) Then
    Me.Client.Rows(i).Cells(2).Value = 0
End If
```

```
ValeurInsert = CleAttribuee & Sp & Me.Client.Rows(i).Cells(0).Value & Sp &
Me.Client.Rows(i).Cells(2).Value & Sp & Me.Client.Rows(i).Cells(4).Value & Sp &
Me.Client.Rows(i).Cells(5).Value & Sp & Me.Client.Rows(i).Cells(6).Value
sql = "INSERT INTO LiaisonArticleClient" & Me.NoProjet.Text & " (NoArticle,
NoClient, TypeModele, PrixClient, TypePrix, DelaisDeLivraison) VALUES (" &
ValeurInsert & ")"
```

```
NomTable = "LiaisonArticleClient"
```

```
Requete()
```

```
Next
```

```
End Sub
```

```
Sub EnregistrementProcedure()
```

```
Dim i As Integer
Dim j As Integer
Dim CleAttribuee As String
```

```
If Me.NoArticle.Text = "" Or Not (IsNumeric(Me.NoArticle.Text)) Then
    sql = "SELECT NoArticle FROM Article" & Me.NoProjet.Text
    NomTable = "Article"
```

```
Requete()
```

```
TableauArticle.NbVariable = dt.Rows.Count
```

```
If TableauArticle.NbVariable <> 0 Then
  j = CInt(dtt.Rows(0).Item("NoArticle"))
  CleAttribuee = CStr(j + 1)
  For i = 0 To dtt.Rows.Count - 1

    If CInt(dtt.Rows(i).Item("NoArticle")) < j Then

      CleAttribuee = (dtt.Rows(i).Item("NoArticle") + 1)
    End If

  Next i
Else
  CleAttribuee = 1
End If
```

```
Else
  CleAttribuee = Me.NoArticle.Text
```

```
End If
```

```
sql = "SELECT NoArticle FROM Article" & Me.NoProjet.Text & " WHERE NoArticle  
= " & CleAttribuee
```

```
NomTable = "ARticle"
```

```
Requete()
```

```
If dtt.Rows.Count = 0 Then
  InsererArticle(CleAttribuee)
```

```
Else
  ModifierArticle(CleAttribuee)
```

```
End If
EnregistrerModele(CleAttribuee)
EnregistrerFournisseur(CleAttribuee)
EnregistrerClient(CleAttribuee)
Me.NoArticle.Text = ""
Me.TrouverRapide.Text = ""
```



```
ReinitialiserSaisieArticle()  
End Sub  
Sub QuitterProcedure()
```

```
Dim res As Integer  
Dim msg As String  
If Me.NomArticle.Text <> "" Then
```

```
1) msg = TableauAffichage.GroupAffichage(2).Donnees(0).Libelle(NumLangueDem -  
res = MsgBox(msg, MsgBoxStyle.YesNoCancel)  
Select Case res  
Case vbYes  
    EnregistrementProcedure()  
    Me.Hide()  
  
Case vbNo  
    Me.NoArticle.Text = ""  
    Me.TrouverRapide.Text = ""  
    ReinitialiserSaisieArticle()  
    Me.Hide()  
Case vbCancel  
  
End Select  
Else  
    Me.Hide()  
End If  
End Sub
```

```
Private Sub Enregistrer_Click_1(sender As System.Object, e As System.EventArgs)  
Handles Enregistrer.Click  
    EnregistrementProcedure()  
End Sub
```

```
Private Sub Quitter_Click(sender As System.Object, e As System.EventArgs) Handles  
Quitter.Click  
    QuitterProcedure()
```

End Sub

```
Private Sub NoArticleCondInf_TextChanged(sender As System.Object, e As
System.EventArgs) Handles NoArticleCondInf.TextChanged
    If Me.NoArticleCondInf.Text <> "" And IsNumeric(Me.NoArticleCondInf.Text) Then

        sql = "SELECT NomArticle FROM Article" & Me.NoProjet.Text & " WHERE
NoArticle = " & Me.NoArticleCondInf.Text
        NomTable = "Article"

        Requete()
        If dt.Rows.Count > 0 Then

            Me.NomArticleCondInf.Text = dt.Rows(0).Item("NomArticle")
        Else
            Me.NomArticleCondInf.Text = ""
        End If
    Else
        Me.NomArticleCondInf.Text = ""
    End If
End Sub
```

```
Private Sub Modele_TabStopChanged(sender As Object, e As System.EventArgs) Handles
Modele.TabStopChanged
```

```
    MAJModele()
```

End Sub

```
Private Sub ComboBox1_SelectedIndexChanged(sender As System.Object, e As
System.EventArgs) Handles TypeConditionnement.SelectedIndexChanged,
TypeCond.SelectedIndexChanged
```

End Sub
End Class

LE CODE DE LA FENETRE MODELE

Public Class SaisieModele

Private Sub SaisieModele_Load(sender As Object, e As EventArgs) Handles MyBase.Load

Dim PresenceProjet As Boolean

Me.Text = TableauAffichage.GroupAffichage(1).Donnees(12).Libelle(NumLangueDem - 1)

Label7.Text =
TableauAffichage.GroupAffichage(0).Donnees(35).Libelle(NumLangueDem - 1)

Label11.Text =
TableauAffichage.GroupAffichage(0).Donnees(36).Libelle(NumLangueDem - 1)

Label2.Text =
TableauAffichage.GroupAffichage(0).Donnees(106).Libelle(NumLangueDem - 1)

Label17.Text =
TableauAffichage.GroupAffichage(0).Donnees(133).Libelle(NumLangueDem - 1)

Label18.Text =
TableauAffichage.GroupAffichage(0).Donnees(134).Libelle(NumLangueDem - 1)

RangGamme.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(160).Libelle(NumLangueDem - 1)

NoGamme.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(80).Libelle(NumLangueDem - 1)

NomGamme.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(81).Libelle(NumLangueDem - 1)

NoCaracteristiqueTechnique.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(164).Libelle(NumLangueDem - 1)

NomCaractéristiqueTechnique.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(165).Libelle(NumLangueDem - 1)

ValeurVoulue.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(162).Libelle(NumLangueDem - 1)

TypeValeur.HeaderText =
TableauAffichage.GroupAffichage(0).Donnees(163).Libelle(NumLangueDem - 1)

Enregistrer.Text =
TableauAffichage.GroupAffichage(0).Donnees(114).Libelle(NumLangueDem - 1)
Supprimer.Text =
TableauAffichage.GroupAffichage(0).Donnees(115).Libelle(NumLangueDem - 1)
Quitter.Text =
TableauAffichage.GroupAffichage(0).Donnees(116).Libelle(NumLangueDem - 1)

Label5.Text =
TableauAffichage.GroupAffichage(0).Donnees(169).Libelle(NumLangueDem - 1)

Label20.Text =
TableauAffichage.GroupAffichage(0).Donnees(221).Libelle(NumLangueDem - 1)
' Label3.Text =
TableauAffichage.GroupAffichage(0).Donnees(233).Libelle(NumLangueDem - 1)
Label9.Text =
TableauAffichage.GroupAffichage(0).Donnees(46).Libelle(NumLangueDem - 1)
Label10.Text =
TableauAffichage.GroupAffichage(0).Donnees(45).Libelle(NumLangueDem - 1)
Label8.Text =
TableauAffichage.GroupAffichage(0).Donnees(44).Libelle(NumLangueDem - 1)
Label6.Text =
TableauAffichage.GroupAffichage(0).Donnees(43).Libelle(NumLangueDem - 1)
Label3.Text =
TableauAffichage.GroupAffichage(0).Donnees(41).Libelle(NumLangueDem - 1)
Label19.Text =
TableauAffichage.GroupAffichage(0).Donnees(42).Libelle(NumLangueDem - 1)

GroupBox1.Text =
TableauAffichage.GroupAffichage(0).Donnees(234).Libelle(NumLangueDem - 1)

CheckBox1.Text =
TableauAffichage.GroupAffichage(0).Donnees(238).Libelle(NumLangueDem - 1)
CheckBox2.Text =
TableauAffichage.GroupAffichage(0).Donnees(235).Libelle(NumLangueDem - 1)
CheckBox3.Text =
TableauAffichage.GroupAffichage(0).Donnees(236).Libelle(NumLangueDem - 1)
CheckBox4.Text =
TableauAffichage.GroupAffichage(0).Donnees(237).Libelle(NumLangueDem - 1)
CheckBox5.Text =
TableauAffichage.GroupAffichage(0).Donnees(239).Libelle(NumLangueDem - 1)

Me.NomProjet.Text = ""

```
PresenceProjet = SelectProjet()
If PresenceProjet = True Then
    Me.Label20.Visible = True
    Me.NoProjet.Visible = True
    Me.NomProjet.Visible = True
```

```
Else
    Me.Label20.Visible = False
    Me.NoProjet.Visible = False
    Me.NomProjet.Visible = False
```

```
End If
```

```
End Sub
```

```
Private Sub NoProjet_Leave(sender As System.Object, e As System.EventArgs) Handles
NoProjet.Leave
```

```
    Dim PresenceProjet As Integer
    Dim msg As String
    Dim res As Integer
```

```
    If Me.NoProjet.Text <> "" And IsNumeric(Me.NoProjet.Text) Then
        PresenceProjet = SelectProjet2(Me.NoProjet.Text)
```

```
        If PresenceProjet = False Then
```

```
            msg = TableauAffichage.GroupAffichage(2).Donnees(6).Libelle(NumLangueDem -
```

```
1)
```

```
            res = MsgBox(msg, MsgBoxStyle.OkOnly)
```

```
            Me.NomProjet.Text = ""
```

```
            Me.NoProjet.Select()
```

```
        Else
```

```
            Me.NomProjet.Text = TableauProjet.NomProjet
```

```
        End If
```

```
    Else
```

```
        ' Me.NoProjet.Text = ""
```

```
        ' Me.NomProjet.Text = ""
```

```
    End If
```

```
End Sub
```

```
Private Sub Label17_Click(sender As System.Object, e As System.EventArgs) Handles  
Label17.Click
```

```
End Sub
```

```
Private Sub TypeModele_TextChanged(sender As System.Object, e As System.EventArgs)  
Handles TypeModele.TextChanged
```

```
Dim i As Integer
```

```
Dim TypeModele As String
```

```
Dim ValeurModele As Integer
```

```
If Me.TypeModele.Text <> "" And IsNumeric(Me.TypeModele.Text) Then
```

```
TypeModele = "TypeModele"
```

```
ValeurModele = Me.TypeModele.Text
```

```
SelectModele1(TypeModele, ValeurModele, Me.NoProjet.Text)
```

```
SelectModele2(TypeModele, ValeurModele, Me.NoProjet.Text)
```

```
If (TableauModele.NbVariable = 0) Then
```

```
' Me.NoEntreprise.Text = ""
```

```
' Me.NomEntreprise.Text = ""
```

```
ReinitialiserSaisieModele()
```

```
' Me.NoSIRET.Text = ""
```

```
' Me.Adr1.Text = ""
```

```
' Me.Adr2.Text = ""
```

```
' Me.CP.Text = ""
```

```
' Me.Ville.Text = ""
```

```
' Me.Pays.Text = ""
```

```
' Me.Description.Text = ""
```

```
Else
```

```
For i = 0 To (TableauModele.NbVariable - 1)
```

```
  If CInt(Me.TypeModele.Text) = CInt(TableauModele.TypeModele) Then
```

```
    ' Me.NoEntreprise.Text = dtt.Rows(i).Item("NoEntreprise")
```

```
    Me.NomModele.Text = TableauModele.NomModele
```

```
    MAJModele()
```

```
End If
Next i
End If
```

```
Else
Me.TypeModele.Text = ""
Me.NomModele.Text = ""
ReinitialiserSaisieModele()
End If
```

```
End Sub
```

```
' End Sub
```

```
Private Sub TrouverRapide_TextChanged(sender As System.Object, e As System.EventArgs) Handles TrouverRapide.TextChanged
```

```
Dim i As Integer
Dim TypeModele As String
Dim ValeurModele As String
```

```
If Me.TrouverRapide.Text <> "" Then
```

```
    ' sql = "SELECT NoEntreprise, NomEntreprise, NoSIRET, Adr1, Adr2, CP, Ville, Pays, Description FROM Entreprise WHERE NoEntreprise = " & Me.NoEntreprise.Text
```

```
    NomTable = "Entreprise"
```

```
    TypeModele = "RechercheNomModele"
```

```
    ValeurModele = "" & Me.TrouverRapide.Text & "" '
```

```
SelectModele1(TypeModele, ValeurModele, Me.NoProjet.Text)
```

```
If (TableauModele.NbVariable = 0) Then
```

```
    Me.TypeModele.Text = ""
```

```
Else
```

```
    For i = 0 To (TableauModele.NbVariable - 1)
```



```
        Me.TypeModele.Text = TableauModele.TypeModele
        ' Me.NomEntreprise.Text = TableauEntreprise.NomEntreprise
        MAJModele()
    Next i
End If
```

```
End If
```

```
End Sub
```

```
Private Sub InserirModele(ByVal CleAttribuee)
```

```
    Dim ValeurInsert As String
```

```
    Dim Sp As String
```

```
    Dim NomInsert As String
```

```
    Dim TypeArt As Integer
```

```
    Dim NotationPrix As Integer
```

```
    Dim NotationQualite As Integer
```

```
    Dim NotationEnvironnement As Integer
```

```
    Dim NotationOrigine As Integer
```

```
    Dim NotationSatisfactionClient As Integer
```

```
    If Not (IsNumeric(Me.Longueur.Text)) Then
```

```
        Me.Longueur.Text = 0
```

```
    End If
```

```
    If Not (IsNumeric(Me.Largeur.Text)) Then
```

```
        Me.Largeur.Text = 0
```

```
    End If
```

```
    If Not (IsNumeric(Me.Hauteur.Text)) Then
```

```
        Me.Hauteur.Text = 0
```

```
    End If
```

```
If Not (IsNumeric(Me.Poids.Text)) Then
    Me.Poids.Text = 0
End If
```

```
If Not (IsNumeric(Me.Volume.Text)) Then
    Me.Volume.Text = 0
End If
```

```
If Me.CheckBox1.Checked = True Then
    NotationPrix = 1
Else
    NotationPrix = 0
End If
```

```
If Me.CheckBox2.Checked = True Then
    NotationQualite = 1
Else
    NotationQualite = 0
End If
```

```
If Me.CheckBox3.Checked = True Then
    NotationEnvironnement = 1
Else
    NotationEnvironnement = 0
End If
```

```
If Me.CheckBox4.Checked = True Then
    NotationOrigine = 1
Else
    NotationOrigine = 0
End If
```

```
If Me.CheckBox5.Checked = True Then
    NotationSatisfactionClient = 1
Else
    NotationSatisfactionClient = 0
End If
```

' Dim CleAttribuee As String

Sp = ", "

ValeurInsert = ""

ValeurInsert = CStr(CleAttribuee) & Sp

NomInsert = "TypeModele,"

ValeurInsert = ValeurInsert & Me.NomModele.Text & Sp

NomInsert = NomInsert & "NomModele,"

ValeurInsert = ValeurInsert & NotationPrix & Sp

NomInsert = NomInsert & "Prix,"

ValeurInsert = ValeurInsert & NotationQualite & Sp

NomInsert = NomInsert & "Qualite,"

ValeurInsert = ValeurInsert & NotationEnvironnement & Sp

NomInsert = NomInsert & "Environnement,"

ValeurInsert = ValeurInsert & NotationOrigine & Sp

NomInsert = NomInsert & "Origine,"

ValeurInsert = ValeurInsert & NotationSatisfactionClient & Sp

NomInsert = NomInsert & "SatisfactionClient,"

ValeurInsert = ValeurInsert & Me.CodeBarre.Text & Sp

NomInsert = NomInsert & "CodeBarre,"

ValeurInsert = ValeurInsert & Me.Longueur.Text & Sp

NomInsert = NomInsert & "Longueur,"

ValeurInsert = ValeurInsert & Me.Largeur.Text & Sp

NomInsert = NomInsert & "Largeur,"

ValeurInsert = ValeurInsert & Me.Hauteur.Text & Sp

NomInsert = NomInsert & "Hauteur,"

ValeurInsert = ValeurInsert & Me.Volume.Text & Sp

NomInsert = NomInsert & "Volume,"

ValeurInsert = ValeurInsert & Me.Poids.Text & Sp

NomInsert = NomInsert & "Poids,"

ValeurInsert = ValeurInsert & "0" & Sp

NomInsert = NomInsert & "NoProjet,"

ValeurInsert = ValeurInsert & Me.NomModeleAbrege.Text & Sp

NomInsert = NomInsert & "RechercheNomModele,"

```
ValeurInsert = ValeurInsert & Me.Description.Text  
NomInsert = NomInsert & "Description"  
sql = "INSERT INTO Modele" & Me.NoProjet.Text & " (" & NomInsert & ") VALUES  
(" & ValeurInsert & ")"
```

```
NomTable = "Modele"
```

```
Requete()
```

```
End Sub
```

```
Private Sub ModifierModele(ByVal CleAttribuee)
```

```
Dim Sp1 As String
```

```
Dim Sp2 As String
```

```
Dim NomUpdate As String
```

```
Dim NotationPrix As Integer
```

```
Dim NotationQualite As Integer
```

```
Dim NotationEnvironnement As Integer
```

```
Dim NotationOrigine As Integer
```

```
Dim NotationSatisfactionClient As Integer
```

```
' Dim EnregistrementPrix As Double
```

```
If Not (IsNumeric(Me.Longueur.Text)) Then
```

```
    Me.Longueur.Text = 0
```

```
End If
```

```
If Not (IsNumeric(Me.Largeur.Text)) Then
```

```
    Me.Largeur.Text = 0
```

```
End If
```

```
If Not (IsNumeric(Me.Hauteur.Text)) Then
```

```
    Me.Hauteur.Text = 0
```

```
End If
```

```
If Not (IsNumeric(Me.Poids.Text)) Then
```

```
    Me.Poids.Text = 0
```

```
End If
```

```
If Not (IsNumeric(Me.Volume.Text)) Then
```

```
    Me.Volume.Text = 0
```

```
End If
```

```
If Me.CheckBox1.Checked = True Then
    NotationPrix = 1
Else
    NotationPrix = 0

End If
```

```
If Me.CheckBox2.Checked = True Then
    NotationQualite = 1
Else
    NotationQualite = 0

End If
```

```
If Me.CheckBox3.Checked = True Then
    NotationEnvironnement = 1
Else
    NotationEnvironnement = 0

End If
```

```
If Me.CheckBox4.Checked = True Then
    NotationOrigine = 1
Else
    NotationOrigine = 0

End If
```

```
If Me.CheckBox5.Checked = True Then
    NotationSatisfactionClient = 1
Else
    NotationSatisfactionClient = 0

End If
```

```
Sp1 = " = "
Sp2 = ", "
NomUpdate = "NomModele" & Sp1 & Me.NomModele.Text & Sp2
NomUpdate = NomUpdate & "NoProjet" & Sp1 & "0" & Sp2
```

```
NomUpdate = NomUpdate & "RechercheNomModele" & Sp1 &  
Me.NomModeleAbrege.Text & Sp2
```

```
NomUpdate = NomUpdate & "Prix" & Sp1 & NotationPrix & Sp2  
NomUpdate = NomUpdate & "Qualite" & Sp1 & NotationQualite & Sp2  
NomUpdate = NomUpdate & "Environnement" & Sp1 & NotationEnvironnement & Sp2  
NomUpdate = NomUpdate & "Origine" & Sp1 & NotationOrigine & Sp2  
NomUpdate = NomUpdate & "SatisfactionClient" & Sp1 & NotationSatisfactionClient  
& Sp2
```

```
NomUpdate = NomUpdate & "Longueur" & Sp1 & Me.Longueur.Text & Sp2  
NomUpdate = NomUpdate & "Largeur" & Sp1 & Me.Largeur.Text & Sp2  
NomUpdate = NomUpdate & "Hauteur" & Sp1 & Me.Hauteur.Text & Sp2  
NomUpdate = NomUpdate & "Volume" & Sp1 & Me.Volume.Text & Sp2  
NomUpdate = NomUpdate & "Poids" & Sp1 & Me.Poids.Text & Sp2  
NomUpdate = NomUpdate & "CodeBarre" & Sp1 & Me.CodeBarre.Text & Sp2
```

```
NomUpdate = NomUpdate & "Description" & Sp1 & Me.Description.Text  
sql = "UPDATE Modele" & Me.NoProjet.Text & " SET " & NomUpdate & " WHERE  
TypeModele = " & CleAttribuee  
NomTable = "Modele"
```

```
Requete()  
End Sub
```

```
Private Sub Supprimer_Click(sender As System.Object, e As System.EventArgs) Handles  
Supprimer.Click
```

```
Dim msg As String  
Dim res As Integer
```

```
If Me.TypeModele.Text <> "" Then  
msg = TableauAffichage.GroupAffichage(2).Donnees(1).Libelle(NumLangueDem -  
1)  
res = MsgBox(msg, MsgBoxStyle.OkCancel)  
If res = vbOK Then
```

```
sql = "SELECT TypeModele FROM Modele" & Me.NoProjet.Text & " WHERE  
TypeModele = " & Me.TypeModele.Text  
NomTable = "Modele"
```

```

    Requete()

    If dt.Rows.Count <> 0 Then
        sql = "DELETE FROM Modele" & Me.NoProjet.Text & " WHERE TypeModele
= " & Me.TypeModele.Text
        NomTable = "Modele"
        Requete()
    End If
    sql = "DELETE FROM LiaisonModeleGamme" & Me.NoProjet.Text & " WHERE
TypeModele = " & Me.TypeModele.Text
    NomTable = "LiaisonModeleGamme"

    Requete()

    sql = "DELETE FROM LiaisonModeleCarTech" & Me.NoProjet.Text & " WHERE
TypeModele = " & Me.TypeModele.Text
    NomTable = "LiaisonModeleCarTech"
    Requete()

    sql = "DELETE FROM LiaisonArticleModele" & Me.NoProjet.Text & " WHERE
TypeModele = " & Me.TypeModele.Text
    NomTable = "LiaisonArticleModele"
    Requete()

    Me.TypeModele.Text = ""
    Me.NomModele.Text = ""
    ReinitialiserSaisieModele()
End If

End If

End Sub

```

```

Private Sub Gamme_KeyDown(sender As Object, e As
System.Windows.Forms.KeyEventArgs)
    If e.KeyCode = Keys.Tab Or e.KeyCode = Keys.Enter Then

        MAJGamme()
    End If
End Sub

```

End If

```
If e.KeyCode = Keys.Delete And Me.Gamme.RowCount > 0 And
Me.Gamme.CurrentRow.Index < (Me.Gamme.RowCount - 1) Then
    Me.Gamme.Rows.RemoveAt(Me.Gamme.CurrentRow.Index)
End If
End Sub
```

```
Private Sub CaracteristiquesTechniques_KeyDown(sender As Object, e As
System.Windows.Forms.KeyEventArgs)
```

```
If e.KeyCode = Keys.Tab Or e.KeyCode = Keys.Enter Then
```

```
    MAJCaracteristiquesTechniques()
```

```
End If
```

```
If e.KeyCode = Keys.Delete And Me.CharacteristiquesTechniques.RowCount > 0 And
Me.CharacteristiquesTechniques.CurrentRow.Index <
(Me.CharacteristiquesTechniques.RowCount - 1) Then
```

```
Me.CharacteristiquesTechniques.Rows.RemoveAt(Me.CharacteristiquesTechniques.CurrenRow
w.Index)
```

```
End If
```

```
End Sub
```

```
Private Sub ReinitialiserSaisieModele()
```

```
    ' Dim i As Integer
```

```
    ' Dim RowToDelete As Int32 =
```

```
Me.Site.Rows.GetFirstRow(DataGridViewElementStates.)
```

```
    ' Dim NbToDelete As Int32 = Me.Site.Rows.GetRowCount(datagridviewelementstat
```

```
    ' Me.NoEntreprise.Text = ""
```

```
Me.CheckBox1.Checked = False
```

```
Me.CheckBox2.Checked = False
```

```
Me.CheckBox3.Checked = False
```



```
Me.CheckBox4.Checked = False
Me.CheckBox5.Checked = False
```

```
Me.NomModele.Text = ""
Me.Longueur.Text = ""
Me.Largeur.Text = ""
Me.Hauteur.Text = ""
Me.Poids.Text = ""
Me.Volume.Text = ""
Me.Description.Text = ""
Me.CodeBarre.Text = ""
Me.NomModeleAbrege.Text = ""
LogoModele.Image =
```

```
Image.FromFile(TableauParametres.Parametres(0).Données(5).Adr & "\Default.jpg")
```

```
Me.Gamme.Rows.Clear()
Me.CaracteristiquesTechniques.Rows.Clear()
```

```
End Sub
```

```
Sub MAJModele()
```

```
Dim j As Integer
```

```
Dim i As Integer
```

```
Me.NomModele.Text = TableauModele.NomModele
```

```
Me.Description.Text = TableauModele.Description
```

```
Me.CodeBarre.Text = TableauModele.Codebarre
```

```
Me.Longueur.Text = TableauModele.Longueur
```

```
Me.Largeur.Text = TableauModele.Largeur
```

```
Me.Hauteur.Text = TableauModele.Hauteur
```

```
Me.Poids.Text = TableauModele.Poids
```

```
Me.Volume.Text = TableauModele.Volume
```

```
If TableauModele.Prix = 1 Then
```

```
Me.CheckBox1.Checked = True
```

```
Else
```

```
Me.CheckBox1.Checked = False
```

End If

If TableauModele.Qualite = 1 Then
 Me.CheckBox2.Checked = True

Else
 Me.CheckBox2.Checked = False

End If

If TableauModele. Environnement = 1 Then
 Me.CheckBox3.Checked = True

Else
 Me.CheckBox3.Checked = False

End If

If TableauModele.Origine = 1 Then
 Me.CheckBox4.Checked = True

Else
 Me.CheckBox4.Checked = False

End If

If TableauModele.SatisfactionClient = 1 Then
 Me.CheckBox5.Checked = True

Else
 Me.CheckBox5.Checked = False

End If

```
    If Me.NomModeleAbrege.Text <> "" And  
(My.Computer.FileSystem.FileExists(TableauParametres.Parametres(0).Données(5).Adr &  
"\" & Me.NomModeleAbrege.Text & ".jpg")) = True Then
```

```
        TableauParametres.Parametres(0).Données(4).Adr & "\" &  
NomEntrepriseAbrege.Text & ".jpg")) Then  
            Me.LogoModele.Image =  
Image.FromFile(TableauParametres.Parametres(0).Données(5).Adr & "\" &  
Me.NomModeleAbrege.Text & ".jpg")  
        End If
```

```
Me.Gamme.Rows.Clear()  
Me.CharacteristiquesTechniques.Rows.Clear()
```

```
For j = 0 To CInt(TableauModele.NbLiaisonModeleGamme - 1)  
    'If TableauTache.NoTache = TableauTache.LiaisonTachePoste(j).NoTache Then  
    'For i = 0 To (tableauListePoste2.NbLiaisonTachePoste - 1)  
    'If TableauTache.LiaisonTachePoste(j).NoPoste =  
tableauListePoste2.LiaisonTachePoste(i).NoPoste Then  
        TableauLiaisonEntrepriseSite.ListeSite(i).NoSite = dt.Rows(i).Item("NoSite")  
        TableauTache.LiaisonTachePoste(j).NomPoste =  
tableauListePoste2.LiaisonTachePoste(i).NomPoste  
    ' End If
```

```
    ' Next i
```

```
        'If TableauEntreprise.LiaisonEntrepriseSite(j).NoSite =  
TableauLiaisonEntrepriseSite.ListeSite(k) Then  
            Me.Gamme.Rows.Add(TableauModele.LiaisonModeleGamme(j).RangGamme,  
TableauModele.LiaisonModeleGamme(j).NoGamme,  
TableauModele.LiaisonModeleGamme(j).Nomgamme)
```

```
        ' End If
```

```
Next j
```

```
For j = 0 To CInt(TableauModele.NbLiaisonModeleCarTech - 1)
```

```
Me.CharacteristiquesTechniques.Rows.Add(TableauModele.LiaisonModeleCarTech(j).NoCar  
Tech, TableauModele.LiaisonModeleCarTech(j).NomCarTech,  
TableauModele.LiaisonModeleCarTech(j).ValeurVoulue,  
TableauModele.LiaisonModeleCarTech(j).TypeValeur)
```

```
' End If
Next j
```

```
End Sub
```

```
Sub MAJGamme()
```

```
Dim i As Integer
```

```
' If Me.Poste.Rows(Me.Poste.CurrentRow.Index).Cells(0).ColumnIndex = 0 Then
```

```
    If Me.Gamme.Rows(Me.Gamme.CurrentRow.Index).Cells(1).Value <> "" And  
    IsNumeric(Me.Gamme.Rows(Me.Gamme.CurrentRow.Index).Cells(1).Value) Then
```

```
        sql = "SELECT NomGamme FROM Gamme" & Me.NoProjet.Text & " WHERE  
NoGamme = " & Me.Gamme.Rows(Me.Gamme.CurrentRow.Index).Cells(1).Value  
        NomTable = "Gamme"
```

```
        Requete()
```

```
        If dt.Rows.Count > 0 Then
```

```
            Me.Gamme.Rows(Me.Gamme.CurrentRow.Index).Cells(2).Value =  
dt.Rows(0).Item("NomGamme")
```

```
            Else
```

```
                Me.Gamme.Rows(Me.Gamme.CurrentRow.Index).Cells(2).Value = ""
```

```
            End If
```

```
        Else
```

```
            Me.Gamme.Rows(Me.Gamme.CurrentRow.Index).Cells(2).Value = ""
```

```
        End If
```

```
End Sub
```

```
Sub MAJCaracteristiquesTechniques()
```

```
Dim i As Integer
```

```
' If Me.ItemsToDoIt.Rows(Me.ItemsToDoIt.CurrentRow.Index).Cells(0).ColumnIndex  
= 0 Then
```

```
    If
```

```
IsNumeric(Me.CaracteristiquesTechniques.Rows(Me.CaracteristiquesTechniques.CurrentRo  
w.Index).Cells(0).Value) Then
```

```
        sql = "SELECT NomCaracteristiqueTechnique, ValeurVoulue, TypeValeur FROM  
CaracteristiquesTechniques" & Me.NoProjet.Text & " WHERE NoCaracteristiqueTechnique
```

```

= " &
Me.CharacteristiquesTechniques.Rows(Me.CharacteristiquesTechniques.CurrentRow.Index).Cells(0).Value
    NomTable = "Fournisseur"

    Requete()
    If dtt.Rows.Count > 0 Then

Me.CharacteristiquesTechniques.Rows(Me.CharacteristiquesTechniques.CurrentRow.Index).Cells(1).Value = dtt.Rows(0).Item("NomCaracteristiqueTechnique")

Me.CharacteristiquesTechniques.Rows(Me.CharacteristiquesTechniques.CurrentRow.Index).Cells(2).Value = dtt.Rows(0).Item("ValeurVoulue")

Me.CharacteristiquesTechniques.Rows(Me.CharacteristiquesTechniques.CurrentRow.Index).Cells(3).Value = dtt.Rows(0).Item("TypeValeur")

        Else

Me.CharacteristiquesTechniques.Rows(Me.CharacteristiquesTechniques.CurrentRow.Index).Cells(1).Value = ""

Me.CharacteristiquesTechniques.Rows(Me.CharacteristiquesTechniques.CurrentRow.Index).Cells(2).Value = ""

Me.CharacteristiquesTechniques.Rows(Me.CharacteristiquesTechniques.CurrentRow.Index).Cells(3).Value = ""

            End If
        Else

Me.CharacteristiquesTechniques.Rows(Me.CharacteristiquesTechniques.CurrentRow.Index).Cells(1).Value = ""

Me.CharacteristiquesTechniques.Rows(Me.CharacteristiquesTechniques.CurrentRow.Index).Cells(2).Value = ""

Me.CharacteristiquesTechniques.Rows(Me.CharacteristiquesTechniques.CurrentRow.Index).Cells(3).Value = ""

            End If

```

End Sub

Sub EnregistrerGamme(ByVal CleAttribuee)

Dim i As Integer

Dim ValeurInsert As String

Dim Sp As String

' Dim RangQuantite As Integer

Sp = ", "

sql = "DELETE FROM LiaisonModeleGamme" & Me.NoProjet.Text & " WHERE
TypeModele = " & CleAttribuee

NomTable = "LiaisonModeleGamme"

Requete()

For i = 0 To Me.Gamme.RowCount - 2

If Not (IsNumeric(Me.Gamme.Rows(i).Cells(0).Value)) Then

Me.Gamme.Rows(i).Cells(4).Value = 0

End If

ValeurInsert = CleAttribuee & Sp & Me.Gamme.Rows(i).Cells(1).Value & Sp &
Me.Gamme.Rows(i).Cells(0).Value

sql = "INSERT INTO LiaisonModeleGamme" & Me.NoProjet.Text & "
(TypeModele, NoGamme, RangGamme) VALUES (" & ValeurInsert & ")"

NomTable = "LiaisonModeleGamme"

Requete()

Next

End Sub

```

Sub EnregistrerCaracteristiquesTechniques(ByVal CleAttribuee)
    Dim i As Integer
    Dim ValeurInsert As String
    Dim Sp As String
    Dim RangQuantite As Integer

    Sp = ", "

    sql = "DELETE FROM LiaisonModeleCarTech" & Me.NoProjet.Text & " WHERE
typeModele = " & CleAttribuee
    NomTable = "LiaisonArticleClient"
    Requete()
    For i = 0 To Me.CharacteristiquesTechniques.RowCount - 2

        If Not (IsNumeric(Me.CharacteristiquesTechniques.Rows(i).Cells(0).Value)) Then
            Me.CharacteristiquesTechniques.Rows(i).Cells(0).Value = 0
        End If

        If Not (IsNumeric(Me.CharacteristiquesTechniques.Rows(i).Cells(2).Value)) Then
            Me.CharacteristiquesTechniques.Rows(i).Cells(2).Value = 0
        End If

        ValeurInsert = CleAttribuee & Sp &
Me.CharacteristiquesTechniques.Rows(i).Cells(0).Value & Sp &
Me.CharacteristiquesTechniques.Rows(i).Cells(2).Value & Sp &
Me.CharacteristiquesTechniques.Rows(i).Cells(3).Value
        sql = "INSERT INTO LiaisonModeleCarTech" & Me.NoProjet.Text & "
(TypeModele, NoCaracteristiqueTechnique, ValeurVoulue, TypeValeur) VALUES (" &
ValeurInsert & ")"

        NomTable = "LiaisonModeleCarTech"

        Requete()

    Next

End Sub

```

```
Sub EnregistrementProcedure()
```

```
Dim i As Integer  
Dim j As Integer  
Dim CleAttribuee As String
```

```
If Me.TypeModele.Text = "" Or Not (IsNumeric(Me.TypeModele.Text)) Then  
    sql = "SELECT TypeModele FROM Modele" & Me.NoProjet.Text  
    NomTable = "Modele"
```

```
Requete()
```

```
If dtt.Rows.Count <> 0 Then  
    j = CInt(dtt.Rows(0).Item("TypeModele"))  
    CleAttribuee = CStr(j + 1)  
    For i = 0 To dtt.Rows.Count - 1
```

```
        If CInt(dtt.Rows(i).Item("TypeModele")) < j Then
```

```
            CleAttribuee = (dtt.Rows(i).Item("TypeModele") + 1)  
        End If
```

```
    Next i  
Else
```

```
    CleAttribuee = 1  
End If
```

```
Else  
    CleAttribuee = Me.TypeModele.Text
```

```
End If
```

```
    sql = "SELECT TypeModele FROM Modele" & Me.NoProjet.Text & " WHERE  
TypeModele = " & CleAttribuee  
    NomTable = "Modele"
```



```

Requete()

If dtt.Rows.Count = 0 Then
    InsererModele(CleAttribuee)

Else
    ModifierModele(CleAttribuee)

End If
EnregistrerGamme(CleAttribuee)
EnregistrerCaracteristiquesTechniques(CleAttribuee)

Me.TypeModele.Text = ""
Me.TrouverRapide.Text = ""

ReinitialiserSaisieModele()
End Sub
Sub QuitterProcedure()

    Dim res As Integer
    Dim msg As String
    If Me.TypeModele.Text <> "" Then

        msg = TableauAffichage.GroupAffichage(2).Donnees(0).Libelle(NumLangueDem -
1)
        res = MsgBox(msg, MsgBoxStyle.YesNoCancel)
        Select Case res
            Case vbYes
                EnregistrementProcedure()
                Me.Hide()

            Case vbNo
                Me.TypeModele.Text = ""
                Me.TrouverRapide.Text = ""
                ReinitialiserSaisieModele()
                Me.Hide()
            Case vbCancel

        End Select
    Else
        Me.Hide()
    End If
End Sub

```

```
Private Sub Enregistrer_Click_1(sender As System.Object, e As System.EventArgs)
Handles Enregistrer.Click
    EnregistrementProcedure()
End Sub
```

```
Private Sub Quitter_Click(sender As System.Object, e As System.EventArgs) Handles
Quitter.Click
    QuitterProcedure()
```

```
End Sub
```

```
Private Sub CheckBox5_CheckedChanged(sender As Object, e As EventArgs) Handles
CheckBox5.CheckedChanged
```

```
End Sub
```

```
Private Sub Modele_TabStopChanged(sender As Object, e As System.EventArgs) Handles
Modele.TabStopChanged
```

```
' MAJModele()
```

```
End Class
```

EXEMPLE DE CODAGE POUR PRODUIRE UN PDF A PARTIR DE VISUAL BASIC

LE RESULTAT



BILL

WMI
10, rue du PréPigeon
49380 THOUARCE
BELLEVIGNE EN LAYON
france
téléphone
Fax
email
<http://www.frederic-gilet.fr>

Client
Batiment A
15 bd pasteur
49100 ANGERS
FRANCE

Concepteur de progiciels intégrés

BILL NB	DATE	ORDER	CUSTOMER NUMBER
1234567	02/03/2018		11111111

REF	ITEM/MODEL	QTY	U	U INCL TAX PRICE	DISCOUNT	EXCL TAX AMT	VAT (%)
123456789	////////////////////	2	PCE	12.5	2	25	20.1

EXCL TAX AMOUNT	DISCOUNT	VAT	INCL TAX PRICE	ADVANCE PAYMENT	NET TO PAY
35	5.5	0	40	0	30

N° de SIRET : 123456789101114 CODE NAF : 874M N° intracommunautaire : FR28 512 613 494 SARL au capital de 100000 E	1/1
---	-----

LE CODE

```
Imports iTextSharp
Imports iTextSharp.text
Imports iTextSharp.text.pdf
Imports iTextSharp.text.PageSize
Imports System.IO.FileStream
Imports System.IO.Stream
Imports System.IO
Imports System
Imports System.IO.FileStream
```

```
'Public Class FileStream
'End Class
```

```
Public Class ModeleFacture1
```

```
    '<ComVisibleAttribute(True)>
```

```
    Private Sub Impression1_Click(sender As Object, e As EventArgs) Handles
Impression1.Click
```

```
        ' Enumeration FileMode
        ' Usage
        ' Dim instance As FileMode
        'end enum
        Dim LFacture As String
        Dim LNoFacture As String
        Dim LDate As String
        Dim LCommande As String
        Dim LCodeClient As String
        Dim LRef As String
        Dim LArticleModele As String
        Dim LQuantité As String
        Dim LU As String
        Dim LPrixU As String
        Dim LMTT As String
        Dim LTVAPourcentage As String
        Dim LTVA As String
        Dim LTotalHT As String
```

Dim LRemise As String
Dim LTotalTTC As String
Dim LAcompte As String
Dim LNetAPayer As String

LFacture = TableauAffichage.GroupAffichage(3).Donnees(0).Libelle(NumLangueDem - 1)
LNoFacture =
TableauAffichage.GroupAffichage(3).Donnees(1).Libelle(NumLangueDem - 1)
LDate = TableauAffichage.GroupAffichage(3).Donnees(2).Libelle(NumLangueDem - 1)
LCommande =
TableauAffichage.GroupAffichage(3).Donnees(3).Libelle(NumLangueDem - 1)
LCodeClient =
TableauAffichage.GroupAffichage(3).Donnees(4).Libelle(NumLangueDem - 1)
LRef = TableauAffichage.GroupAffichage(3).Donnees(5).Libelle(NumLangueDem - 1)
LArticleModele =
TableauAffichage.GroupAffichage(3).Donnees(6).Libelle(NumLangueDem - 1)
LQuantité = TableauAffichage.GroupAffichage(3).Donnees(7).Libelle(NumLangueDem - 1)
LU = TableauAffichage.GroupAffichage(3).Donnees(8).Libelle(NumLangueDem - 1)
LPrixU = TableauAffichage.GroupAffichage(3).Donnees(9).Libelle(NumLangueDem - 1)
LMTT = TableauAffichage.GroupAffichage(3).Donnees(10).Libelle(NumLangueDem - 1)
LTVAPourcentage =
TableauAffichage.GroupAffichage(3).Donnees(11).Libelle(NumLangueDem - 1)
LTotalHT =
TableauAffichage.GroupAffichage(3).Donnees(12).Libelle(NumLangueDem - 1)
LRemise = TableauAffichage.GroupAffichage(3).Donnees(13).Libelle(NumLangueDem - 1)
LTotalTTC =
TableauAffichage.GroupAffichage(3).Donnees(14).Libelle(NumLangueDem - 1)
LAcompte =
TableauAffichage.GroupAffichage(3).Donnees(15).Libelle(NumLangueDem - 1)
LNetAPayer =
TableauAffichage.GroupAffichage(3).Donnees(16).Libelle(NumLangueDem - 1)
LTVA = TableauAffichage.GroupAffichage(3).Donnees(17).Libelle(NumLangueDem - 1)
' LRemise =
TableauAffichage.GroupAffichage(3).Donnees(18).Libelle(NumLangueDem - 1)

Dim Doc As Document = New Document(PageSize.LETTER, 5, 5, 5, 5)
' Document Doc = New Document
Dim Description As PdfPTable

```

Dim TableauEntete1 As PdfPTable
Dim TableauEntete2 As PdfPTable
Dim TableauEntete3 As PdfPTable
Dim TableauEntete4 As PdfPTable
Dim TableauEntete5 As PdfPTable
Dim Tableau1 As PdfPTable
Dim Tableau2 As PdfPTable
Dim Tableau3 As PdfPTable
Dim MentionLegale As PdfPTable
Dim cellule As PdfPCell = New PdfPCell
Dim Designation As String
' Dim image1 As PdfImage
Dim imageFilePath As String = TableauParametres.Parametres(0).Données(4).Adr &
"\Default.jpg"
Dim jpg As iTextSharp.text.Image = iTextSharp.text.Image.GetInstance(imageFilePath)
Dim EnteteFactureFont As iTextSharp.text.Font = FontFactory.GetFont("Arial", 18,
iTextSharp.text.Font.BOLD, BaseColor.BLACK)
Dim CorpsFont As iTextSharp.text.Font = FontFactory.GetFont("Arial", 8,
iTextSharp.text.Font.NORMAL, BaseColor.BLACK)
Dim EnteteWidth1(2) As Single
Dim EnteteWidth2(1) As Single
Dim EnteteWidth3(3) As Single
Dim EnteteWidth4(7) As Single
Dim EnteteWidth5(5) As Single
Dim BasPageWidth(1) As Single
Dim CellFacture As New PdfPCell(New Phrase(" " & LFacture, EnteteFactureFont))
Dim CellMentionLegale As New PdfPCell(New Phrase("N° de SIRET :
123456789101114 CODE NAF : 874M N° intracommunautaire : FR28 512 613 494" & vbCr
& "SARL au capital de 100000 E", CorpsFont))
Dim NbArticleModele As Integer
Dim NbArticleModeleMax As Integer

Dim NbPage As Integer
NbArticleModele = 20
NbArticleModeleMax = 24
NbPage = CInt(NbArticleModele / NbArticleModeleMax)
Dim i As Integer
' Dim CellFacture As New PdfPCell(New Phrase("FACTURE", EnteteFactureFont))
' Try
PdfWriter.GetInstance(Doc, New FileStream("c:\temp\Fichier.pdf", FileMode.Create))
'Pour créer le fichier pdf où vous voulez changez le chemin ici.
Doc.Open()

```

```
'entête de la page
TableauEntete1 = New PdfPTable(3)
' TableauEntete1.SpacingBefore = 20
EnteteWidth1(0) = 25
EnteteWidth1(1) = 85
EnteteWidth1(2) = 110
TableauEntete1.SetWidthPercentage(100)
```

```
TableauEntete1.SetWidths(EnteteWidth1)
TableauEntete1.DefaultCell.BorderWidth = 0
'création d'un tableau de 2 colonnes
cellule.Colspan = 3 'création d'un tableau a 2 colonnes
TableauEntete1.AddCell(jpg) 'écriture dans les case du tableau
```

```
TableauEntete1.AddCell(CellFacture)
TableauEntete1.AddCell(" ")
Doc.Add(TableauEntete1) 'Ajoute le tableau au document. Vous pouvez
ajouter un texte ou une variable qui contient tout le texte que vous voulez inserer
```

```
TableauEntete2 = New PdfPTable(2)
```

```
EnteteWidth2(0) = 130
EnteteWidth2(1) = 95
TableauEntete2.SpacingBefore = 40
```

```
TableauEntete2.SetWidths(EnteteWidth2)
TableauEntete2.DefaultCell.BorderWidth = 0
```

```
'création d'un tableau de 2 colonnes
cellule.Colspan = 2 'création d'un tableau a 2 colonnes
TableauEntete2.AddCell("WMI" & vbCr & "10, rue du PréPigeon" & vbCr & "49380
THOUARCE" & vbCr & "BELLEVIGNE EN LAYON" & vbCr & "france" & vbCr &
"téléphone" & vbCr & "Fax" & vbCr & "email" & vbCr & "http://www.frederic-gilet.fr")
'écriture dans les case du tableau
tableau_entete.AddCell("FACTURE")
```

```
TableauEntete2.AddCell("Client" & vbCr & "Batiment A" & vbCr & "15 bd pasteur" &
vbCr & "49100 ANGERS" & vbCr & "FRANCE")
```

Doc.Add(TableauEntete2) 'Ajoute le tableau au document. Vous pouvez
ajouter un texte ou une variable qui contient tout le texte que vous voulez inserer

```
Description = New PdfPTable(1)
Description.SpacingBefore = 10
Description.DefaultCell.BorderWidth = 0
cellule.Colspan = 1
Description.AddCell("Concepteur de progiciels intégrés")
Doc.Add(Description)
```

```
' Doc.Add(New Paragraph(""))
```

```
TableauEntete3 = New PdfPTable(4)
```

```
EnteteWidth3(0) = 50
EnteteWidth3(1) = 40
EnteteWidth3(2) = 60
EnteteWidth3(3) = 50
```

```
TableauEntete3.SpacingBefore = 20
```

```
TableauEntete3.SetWidths(EnteteWidth3)
TableauEntete3.DefaultCell.BorderWidth = 1
'création d'un tableau de 2 colonnes
cellule.Colspan = 4 'création d'un tableau a 2 colonnes
TableauEntete3.AddCell(LNoFacture)
TableauEntete3.AddCell(LDate)
TableauEntete3.AddCell(LCommande)
TableauEntete3.AddCell(LCodeClient)
'écriture dans les case du tableau
'tableau_entete.AddCell("FACTURE")
```

```
Doc.Add(TableauEntete3)
```

```
Tableau1 = New PdfPTable(4)
Tableau1.SetWidths(EnteteWidth3)
Tableau1.DefaultCell.BorderWidth = 1
'création d'un tableau de 2 colonnes
cellule.Colspan = 4 'création d'un tableau a 2 colonnes
Tableau1.AddCell("1234567")
```



```
Tableau1.AddCell("02/03/2018")
Tableau1.AddCell("")
Tableau1.AddCell("11111111")
'écriture dans les case du tableau
'tableau_entete.AddCell("FACTURE")
```

```
Doc.Add(Tableau1)
```

```
TableauEntete4 = New PdfPTable(8)
```

```
EnteteWidth4(0) = 25
EnteteWidth4(1) = 50
EnteteWidth4(2) = 10
EnteteWidth4(3) = 10
EnteteWidth4(4) = 15
EnteteWidth4(5) = 23
EnteteWidth4(6) = 15
EnteteWidth4(7) = 10
' EnteteWidth4(7) = 15
```

```
TableauEntete4.SpacingBefore = 20
```

```
TableauEntete4.SetWidths(EnteteWidth4)
TableauEntete4.DefaultCell.BorderWidth = 1
'création d'un tableau de 2 colonnes
cellule.Colspan = 7 'création d'un tableau a 2 colonnes
TableauEntete4.AddCell(LRef)
TableauEntete4.AddCell(LArticleModele)
TableauEntete4.AddCell(LQuantité)
TableauEntete4.AddCell(LU)
TableauEntete4.AddCell(LPrixU)
TableauEntete4.AddCell(LRemise)
TableauEntete4.AddCell(LMTT)
TableauEntete4.AddCell(LTVAPourcentage)
'écriture dans les case du tableau
'tableau_entete.AddCell("FACTURE")
```

```
Doc.Add(TableauEntete4)
```

```
'im CellDesignation As New PdfPCell(New Phrase("ZZZZZZZZZZZZZZZZZZZZZZ" &
"aaaaaaaaaaaaaaaaaaaa", CorpsFont))
```

```
' Dim CellDesignation As New PdfPCell(New Phrase("ZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ" &  
"aaaaaaaaaaaaaaaaaaaaa", CorpsFont))
```

```
Tableau2 = New PdfPTable(8)
```

```
' EnteteWidth4(0) = 15  
' EnteteWidth4(1) = 55  
' EnteteWidth4(2) = 15  
' EnteteWidth4(3) = 15  
' EnteteWidth4(4) = 15  
' EnteteWidth4(5) = 15  
' EnteteWidth4(6) = 10  
' EnteteWidth4(7) = 15
```

```
' TableauEntete4.SpacingBefore = 20
```

```
Tableau2.SetWidths(EnteteWidth4)
```

```
Tableau2.DefaultCell.BorderWidth = 1
```

```
'création d'un tableau de 2 colonnes
```

```
Designation = "ZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ"
```

```
For i = 1 To 23
```

```
    Designation = Designation & vbCr & " "
```

```
Next
```

```
cellule.Colspan = 7
```

```
'création d'un tableau a 2 colonnes
```

```
Tableau2.AddCell("123456789")
```

```
Tableau2.AddCell(Designation)
```

```
Tableau2.AddCell("2")
```

```
Tableau2.AddCell("PCE")
```

```
Tableau2.AddCell("12.5")
```

```
Tableau2.AddCell("2")
```

```
Tableau2.AddCell("25")
```

```
Tableau2.AddCell("20.1")
```

```
'écriture dans les case du tableau
```

```
'tableau_entete.AddCell("FACTURE")
```

```
Doc.Add(Tableau2)
```

```
TableauEntete5 = New PdfPTable(6)
```

```
EnteteWidth5(0) = 35
```

```
EnteteWidth5(1) = 40
```

```
EnteteWidth5(2) = 20
EnteteWidth5(3) = 40
EnteteWidth5(4) = 50
EnteteWidth5(5) = 30
```

```
TableauEntete5.SpacingBefore = 20
```

```
TableauEntete5.SetWidths(EnteteWidth5)
TableauEntete5.DefaultCell.BorderWidth = 1
'création d'un tableau de 2 colonnes
cellule.Colspan = 6 'création d'un tableau a 2 colonnes
TableauEntete5.AddCell(LTotalHT)
TableauEntete5.AddCell(LRemise)
TableauEntete5.AddCell(LTVA)
TableauEntete5.AddCell(LTotalTTC)
TableauEntete5.AddCell(LAcompte)
TableauEntete5.AddCell(LNetAPayer)
```

```
Doc.Add(TableauEntete5)
```

```
Tableau3 = New PdfPTable(6)
```

```
' EnteteWidth4(0) = 15
' EnteteWidth4(1) = 55
' EnteteWidth4(2) = 15
' EnteteWidth4(3) = 15
' EnteteWidth4(4) = 15
' EnteteWidth4(5) = 15
' EnteteWidth4(6) = 10
' EnteteWidth4(7) = 15
```

```
' TableauEntete4.SpacingBefore = 20
```

```
Tableau3.SetWidths(EnteteWidth5)
Tableau3.DefaultCell.BorderWidth = 1
'création d'un tableau de 2 colonnes
cellule.Colspan = 5 'création d'un tableau a 2 colonnes
Tableau3.AddCell("35")
Tableau3.AddCell("5.5")
Tableau3.AddCell("0")
Tableau3.AddCell("40")
Tableau3.AddCell("0")
```

```
Tableau3.AddCell("30")  
' Tableau3.AddCell("30")  
'écriture dans les case du tableau  
'tableau_entete.AddCell("FACTURE")
```

```
Doc.Add(Tableau3)
```

```
MentionLegale = New PdfPTable(2)  
BasPageWidth(0) = 90  
BasPageWidth(1) = 10  
MentionLegale.SetWidths(BasPageWidth)  
MentionLegale.SpacingBefore = 20  
MentionLegale.DefaultCell.BorderWidth = 1  
cellule.Colspan = 2  
MentionLegale.AddCell(CellMentionLegale)  
MentionLegale.AddCell("1/" & NbPage)  
Doc.Add(MentionLegale)
```

```
' tableau = New PdfPTable(2)  
' tableau.DefaultCell.BorderWidth = 0  
' cellule.Colspan = 2  
' tableau.AddCell("hello" & vbCr & "tutu")  
' tableau.AddCell(jpg)
```

```
' Doc.Add(tableau)
```

```
jpg.ScaleToFit(280.0F, 260.0F)
```

```
'Give space before image
```

```
jpg.SpacingBefore = 30.0F
```

```
'Give some space after the image
```

```
jpg.SpacingAfter = 1.0F
```

```
'jpg.Alignment = Element.ALIGN_CENTER
```

```
' Doc.Add(jpg)
```

```
' Catch e As Exception
```

```
MsgBox("Erreur sur le fichier Pdf" & e.Message)
```

```
' End Try
```

```
Doc.Close()
```

```
'Ferme le document
```

```
Process.Start("c:\temp\Fichier.pdf")
```

```
'Lance le fichier
```

```
End Sub
```

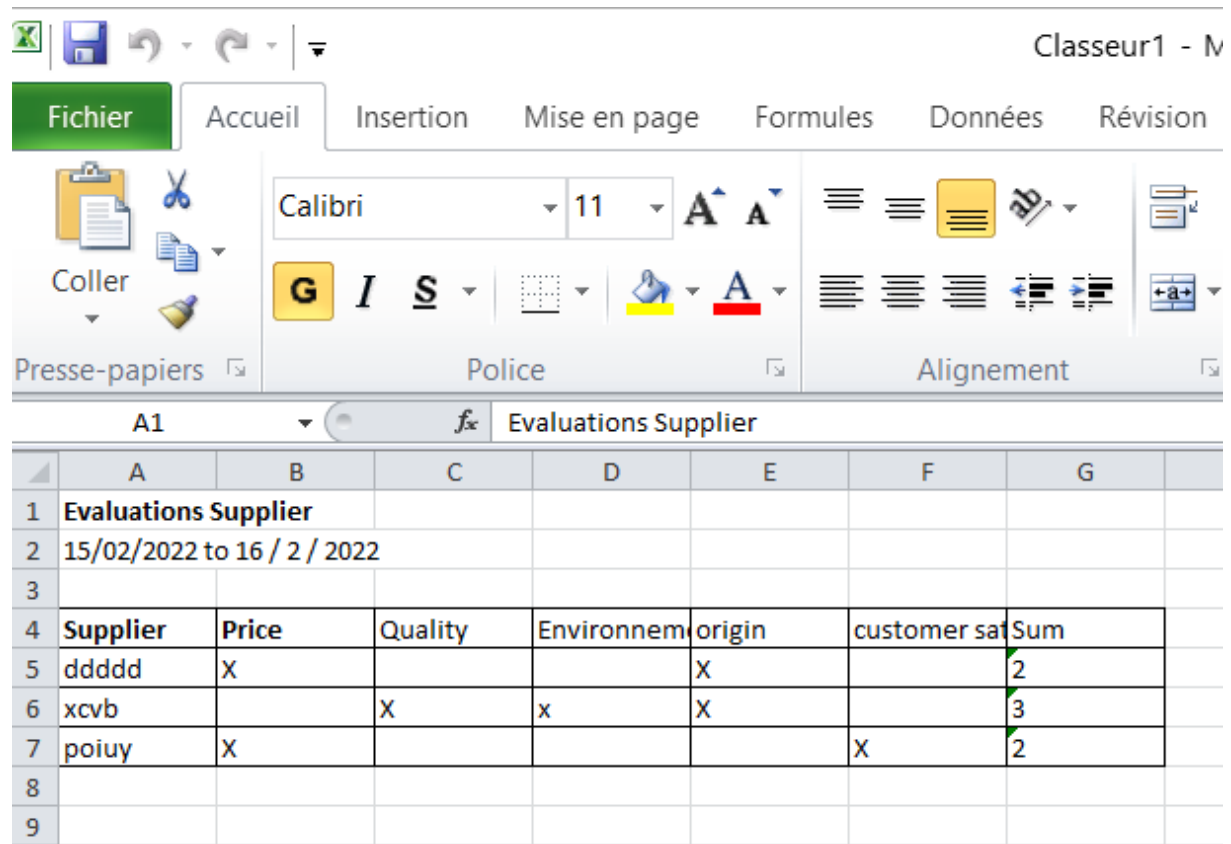
```
Private Sub ModeleFacture1_Load(sender As Object, e As EventArgs) Handles  
MyBase.Load
```

```
End Sub
```

```
End Class
```

EXEMPLE DE CODE POUR PRODUIRE UN FICHER EXCEL

FICHIERS EXCEL TERMINES



The screenshot displays the Microsoft Excel interface. The ribbon is set to 'Accueil' (Home), with the 'Police' (Font) and 'Alignement' (Alignment) groups visible. The font is 'Calibri' in size 11. The spreadsheet shows a table with the following data:

	A	B	C	D	E	F	G
1	Evaluations Supplier						
2	15/02/2022 to 16 / 2 / 2022						
3							
4	Supplier	Price	Quality	Environnem	origin	customer sat	Sum
5	dddd	X			X		2
6	xcvb		X	x	X		3
7	poiuy	X				X	2
8							
9							

Classeur1 - Microsoft Excel

Fichier Accueil Insertion Mise en page Formules Données Révision Affichage

Calibri 11

Coller

Police

Alignement

A1 Evaluations Model

	A	B	C	D	E	F	G	H
1	Evaluations Model							
2	15/02/2022 to 16 / 2 / 2022							
3								
4	Item	Model	Price	Quality	Environnem	origin	customer sat	Sum
5	www	vvv	X	X	x	X	X	5
6	www	aa				X	X	2
7	gfdgf	zzz	X				X	2
8	gfdgf	ooo					X	1
9	aqsz	zzz	X				X	2
10								

CODES POUR Y ARRIVER

Imports Microsoft.Office.Interop

Public Class StatistiquesEvaluations

Private Sub Evaluations_Load(sender As Object, e As EventArgs) Handles MyBase.Load

Me.Text = TableauAffichage.GroupAffichage(1).Donnees(33).Libelle(NumLangueDem

- 1)

End Sub

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click

Dim objApp As Excel.Application

Dim objBook As Excel._Workbook

Dim objBooks As Excel.Workbooks

Dim objSheets As Excel.Sheets

Dim objSheet As Excel._Worksheet

```
Dim objSheet2 As Excel._Worksheet
```

```
Dim range1 As Excel.Range
```

```
Dim range2 As Excel.Range
```

```
Dim range3 As Excel.Range
```

```
Dim range4 As Excel.Range
```

```
Dim range5 As Excel.Range
```

```
Dim range11 As Excel.Range
```

```
Dim range12 As Excel.Range
```

```
Dim range13 As Excel.Range
```

```
' Dim range14 As Excel.Range
```

```
' Create a new instance of Excel and start a new workbook.
```

```
objApp = New Excel.Application()
```

```
objBooks = objApp.Workbooks
```

```
objBook = objBooks.Add
```

```
objSheets = objBook.Worksheets
```

```
objSheet = objSheets(1)
```

```
objSheet2 = objSheets(2)
```

```
' Get the range where the starting cell has the address
```

```
' m_sStartingCell and its dimensions are m_iNumRows x m_iNumCols.
```

```
' range3 = objSheet.Range("A6", Reflection.Missing.Value)
```

```
' range3 = range3.Resize(4, 8)
```

```
' range4 = objSheet.Range("A10", Reflection.Missing.Value)
```

```
' range4 = range4.Resize(1, 1)
```

```
' range5 = objSheet.Range("B9", Reflection.Missing.Value)
```

```
' range5 = range5.Resize(1, 1)
```

```
Dim Titre(4, 8) As String
```

```
Dim saRet(4, 8) As String
```

```
' Dim saRet2(4, 1) As Double
```

```
' Fill the array.
```

```
Dim iRow As Long
```

```
Dim irow2 As Long
```


Dim iColumn As Long

' Dim iCol As Long

Titre(0, 0) =

TableauAffichage.GroupAffichage(1).Donnees(33).Libelle(NumLangueDem - 1) & " " &

TableauAffichage.GroupAffichage(0).Donnees(11).Libelle(NumLangueDem - 1)

Titre(1, 0) = "15/02/2022" & " " &

TableauAffichage.GroupAffichage(4).Donnees(4).Libelle(NumLangueDem - 1) & " " & "16 /
2 / 2022"

Titre(2, 0) = ""

Titre(3, 0) =

TableauAffichage.GroupAffichage(0).Donnees(10).Libelle(NumLangueDem - 1)

Titre(3, 1) =

TableauAffichage.GroupAffichage(4).Donnees(11).Libelle(NumLangueDem - 1)

Titre(3, 0) =

TableauAffichage.GroupAffichage(0).Donnees(10).Libelle(NumLangueDem - 1)

Titre(3, 1) =

TableauAffichage.GroupAffichage(0).Donnees(11).Libelle(NumLangueDem - 1)

Titre(3, 2) =

TableauAffichage.GroupAffichage(0).Donnees(238).Libelle(NumLangueDem - 1)

Titre(3, 3) =

TableauAffichage.GroupAffichage(0).Donnees(235).Libelle(NumLangueDem - 1)

Titre(3, 4) =

TableauAffichage.GroupAffichage(0).Donnees(236).Libelle(NumLangueDem - 1)

Titre(3, 5) =

TableauAffichage.GroupAffichage(0).Donnees(237).Libelle(NumLangueDem - 1)

Titre(3, 6) =

TableauAffichage.GroupAffichage(0).Donnees(239).Libelle(NumLangueDem - 1)

Titre(3, 7) = TableauAffichage.GroupAffichage(4).Donnees(5).Libelle(NumLangueDem
- 1)

objSheet.Name =

TableauAffichage.GroupAffichage(0).Donnees(11).Libelle(NumLangueDem - 1)

Dim i As Integer

Dim j As Integer

```
Dim k As Integer
Dim Projet As String
Projet = ""
Dim Total As Integer
Dim Article2() As String
Dim Modele2() As String
Dim Prix() As String
Dim Qualite() As String
Dim Environnement() As String
Dim Origine() As String
Dim SatisfactionClient() As String
```

```
Dim iRowTotal As Integer
Dim ValeurLigne As Integer
```

```
iRow = 0
sql = "SELECT * FROM LiaisonArticleModele" & Projet
NomTable = "LiaisonArticleModele"
```

```
' selection modele pour table article
```

```
Requete()
```

```
iRowTotal = dtt.Rows.Count
ValeurLigne = iRowTotal + 4
```

```
ReDim saRet(iRowTotal, 8)
range1 = objSheet.Range("A1", Reflection.Missing.Value)
range1 = range1.Resize(4, 8)
range2 = objSheet.Range("A5", Reflection.Missing.Value)
range2 = range2.Resize(iRowTotal, 8)
```

```
objSheet.Range("A1").Font.Bold = True
objSheet.Range("A4:B4").Font.Bold = True
' objSheet.Range("A4:B4").Borders.LineStyle = True
objSheet.Range("A4:H" & ValeurLigne.ToString()).Borders.LineStyle = True
'o
```

ReDim Article2(iRowTotal)
ReDim Modele2(iRowTotal)
ReDim Prix(iRowTotal)
ReDim Qualite(iRowTotal)
ReDim Environnement(iRowTotal)
ReDim Origine(iRowTotal)
ReDim SatisfactionClient(iRowTotal)

sql = "SELECT * FROM LiaisonArticleModele" & Projet
NomTable = "LiaisonArticleModele"

' selection modele pour table article

Requete()

TableauArticleStatEval.NbLiaisonArticleModele = dtt.Rows.Count

ReDim TableauArticleStatEval.LiaisonArticleModele(dtt.Rows.Count - 1)

For j = 0 To (TableauArticleStatEval.NbLiaisonArticleModele - 1)

TableauArticleStatEval.LiaisonArticleModele(j).NoLiaisonArticleModele =
dtt.Rows(j).Item("NoLiaisonArticleModele")

TableauArticleStatEval.LiaisonArticleModele(j).TypeModele =
dtt.Rows(j).Item("TypeModele")

TableauArticleStatEval.LiaisonArticleModele(j).NoArticle =
dtt.Rows(j).Item("NoArticle")

TableauArticle.LiaisonArticleModele(i).NoArticle = ValeurSQL

Next j

For k = 0 To (TableauArticleStatEval.NbLiaisonArticleModele - 1)

sql = "SELECT * FROM Modele" & Projet & " WHERE TypeModele = " &
TableauArticleStatEval.LiaisonArticleModele(k).TypeModele

NomTable = "Modele"

' selection pour la table modele

Requete()

TableauModeleStatEval.TypeModele = dtt.Rows(0).Item("TypeModele")

TableauModeleStatEval.NomModele = dtt.Rows(0).Item("NomModele")

TableauModeleStatEval.Qualite = dtt.Rows(0).Item("Qualite")

TableauModeleStatEval.Environnement = dtt.Rows(0).Item("Environnement")

TableauModeleStatEval.Origine = dtt.Rows(0).Item("Origine")

TableauModeleStatEval.Prix = dtt.Rows(0).Item("Prix")

TableauModeleStatEval.SatisfactionClient = dtt.Rows(0).Item("SatisfactionClient")

' Article2(iRow) = TableauArticleStatEval.NomArticle

Modele2(iRow) = TableauModeleStatEval.NomModele

Prix(iRow) = TableauModeleStatEval.Prix

Qualite(iRow) = TableauModeleStatEval.Qualite

Environnement(iRow) = TableauModeleStatEval.Environnement

Origine(iRow) = TableauModeleStatEval.Origine

SatisfactionClient(iRow) = TableauModeleStatEval.SatisfactionClient

iRow = iRow + 1

Next k

For i = 0 To (iRowTotal - 1)

sql = "SELECT NomArticle FROM Article" & Projet & " WHERE NoArticle = " &
TableauArticleStatEval.LiaisonArticleModele(i).NoArticle

NomTable = "Article"

' selection pour la fenetre article

Requete()

If dtt.Rows.Count <> 0 Then

Article2(i) = dtt.Rows(0).Item("NomArticle")

End If

```
' TableauArticle.NoProjet = dt.Rows(i).Item("NoProjet")
```

```
Next i
```

```
For iRow2 = 0 To iRowTotal
```

```
    Total = 0
```

```
    saRet(irow2, 0) = Article2(irow2)
```

```
    saRet(irow2, 1) = Modele2(irow2)
```

```
    If Prix(irow2) = 0 Then
```

```
        saRet(irow2, 2) = ""
```

```
    Else
```

```
        saRet(irow2, 2) = "X"
```

```
        Total = Total + 1
```

```
    End If
```

```
    If Qualite(irow2) = 0 Then
```

```
        saRet(irow2, 3) = ""
```

```
    Else
```

```
        saRet(irow2, 3) = "X"
```

```
        Total = Total + 1
```

```
    End If
```

If Environnement(irow2) = 0 Then
saRet(irow2, 4) = ""

Else
saRet(irow2, 4) = "x"

Total = Total + 1

End If

If Origine(irow2) = 0 Then
saRet(irow2, 5) = ""

Else

saRet(irow2, 5) = "X"
Total = Total + 1

End If

If SatisfactionClient(irow2) = 0 Then
saRet(irow2, 6) = ""

Else

saRet(irow2, 6) = "X"
Total = Total + 1

End If

saRet(irow2, 7) = Total
Next iRow2

```
range1.Value = Titre  
range2.Value = saRet
```

```
' range3.Value = saRet2
```

```
Dim Titre2(4, 7) As String  
Dim saRet2_1(4, 7) As String
```

```
Dim Total3 As Integer  
Dim Fournisseur3() As String
```

```
Dim Prix3() As String  
Dim Qualite3() As String  
Dim Environnement3() As String  
Dim Origine3() As String  
Dim SatisfactionClient3() As String
```

```
iRow = 0
```

```
range11 = objSheet2.Range("A1", Reflection.Missing.Value)  
range11 = range11.Resize(4, 7)  
range12 = objSheet2.Range("A5", Reflection.Missing.Value)  
range12 = range12.Resize(4, 7)  
' range13 = objSheet2.Range("A5", Reflection.Missing.Value)  
' range13 = range13.Resize(4, 8)
```

Titre2(0, 0) =
TableauAffichage.GroupAffichage(1).Donnees(33).Libelle(NumLangueDem - 1) & " " &
TableauAffichage.GroupAffichage(0).Donnees(240).Libelle(NumLangueDem - 1)
Titre2(1, 0) = "15/02/2022" & " " &
TableauAffichage.GroupAffichage(4).Donnees(4).Libelle(NumLangueDem - 1) & " " & "16 /
2 / 2022"
Titre2(2, 0) = ""
Titre2(3, 0) =
TableauAffichage.GroupAffichage(0).Donnees(240).Libelle(NumLangueDem - 1)

Titre2(3, 1) =
TableauAffichage.GroupAffichage(0).Donnees(238).Libelle(NumLangueDem - 1)
Titre2(3, 2) =
TableauAffichage.GroupAffichage(0).Donnees(235).Libelle(NumLangueDem - 1)
Titre2(3, 3) =
TableauAffichage.GroupAffichage(0).Donnees(236).Libelle(NumLangueDem - 1)
Titre2(3, 4) =
TableauAffichage.GroupAffichage(0).Donnees(237).Libelle(NumLangueDem - 1)
Titre2(3, 5) =
TableauAffichage.GroupAffichage(0).Donnees(239).Libelle(NumLangueDem - 1)
Titre2(3, 6) =
TableauAffichage.GroupAffichage(4).Donnees(5).Libelle(NumLangueDem - 1)

objSheet2.Name =
TableauAffichage.GroupAffichage(0).Donnees(240).Libelle(NumLangueDem - 1)

sql = "SELECT * FROM Fournisseur" & Projet
NomTable = "Fournisseur"

' selection pour la table modele

Requete()

iRowTotal = dtt.Rows.Count

ReDim Fournisseur3(iRowTotal)

ReDim Prix3(iRowTotal)

ReDim Qualite3(iRowTotal)

ReDim Environnement3(iRowTotal)

ReDim Origine3(iRowTotal)

ReDim SatisfactionClient3(iRowTotal)

ValeurLigne = iRowTotal + 4

ReDim saRet2_1(iRowTotal, 7)

range11 = objSheet2.Range("A1", Reflection.Missing.Value)

range11 = range11.Resize(4, 7)

range12 = objSheet2.Range("A5", Reflection.Missing.Value)

range12 = range12.Resize(iRowTotal, 7)

objSheet2.Range("A1").Font.Bold = True

objSheet2.Range("A4:B4").Font.Bold = True

' objSheet2.Range("A4:B4").Borders.LineStyle = True

objSheet2.Range("A4:G" & ValeurLigne.ToString()).Borders.LineStyle = True

'o

For k = 0 To (dtt.Rows.Count - 1)

Fournisseur3(k) = dtt.Rows(k).Item("NomFournisseur")

Prix3(k) = dtt.Rows(k).Item("Prix")

Qualite3(k) = dtt.Rows(k).Item("Qualite")

Environnement3(k) = dtt.Rows(k).Item("Environnement")

Origine3(k) = dtt.Rows(k).Item("Origine")

SatisfactionClient3(k) = dtt.Rows(k).Item("SatisfactionClient")

Next k

For irow2 = 0 To iRowTotal - 1

Total = 0

saRet2_1(irow2, 0) = Fournisseur3(irow2)

If Prix3(irow2) = 0 Then

saRet2_1(irow2, 1) = ""

Else

saRet2_1(irow2, 1) = "X"

Total = Total + 1

End If

If Qualite3(irow2) = 0 Then

saRet2_1(irow2, 2) = ""

Else

saRet2_1(irow2, 2) = "X"

Total = Total + 1

End If

If Environnement3(irow2) = 0 Then

saRet2_1(irow2, 3) = ""

Else

saRet2_1(irow2, 3) = "x"

Total = Total + 1

End If

If Origine3(irow2) = 0 Then
 saRet2_1(irow2, 4) = ""

Else

 saRet2_1(irow2, 4) = "X"
 Total = Total + 1

End If

If SatisfactionClient3(irow2) = 0 Then
 saRet2_1(irow2, 5) = ""

Else

 saRet2_1(irow2, 5) = "X"
 Total = Total + 1

End If

 saRet2_1(irow2, 6) = Total
Next irow2

'Set the range value to the array.

range11.Value = Titre2

range12.Value = saRet2_1

' range13.Value = saRet2_2

End If

Return control of Excel to the user.

objApp.Visible = True

objApp.UserControl = True

'Clean up a little.

range1 = Nothing

range2 = Nothing

range3 = Nothing

range4 = Nothing

range5 = Nothing

range11 = Nothing

range12 = Nothing

range13 = Nothing

' range3 = Nothing

objSheet = Nothing

objSheet2 = Nothing

objSheets = Nothing

objBooks = Nothing

'objBook.SaveAs Filename:="C:\Nouveau.xlsx"

End Sub

End Class