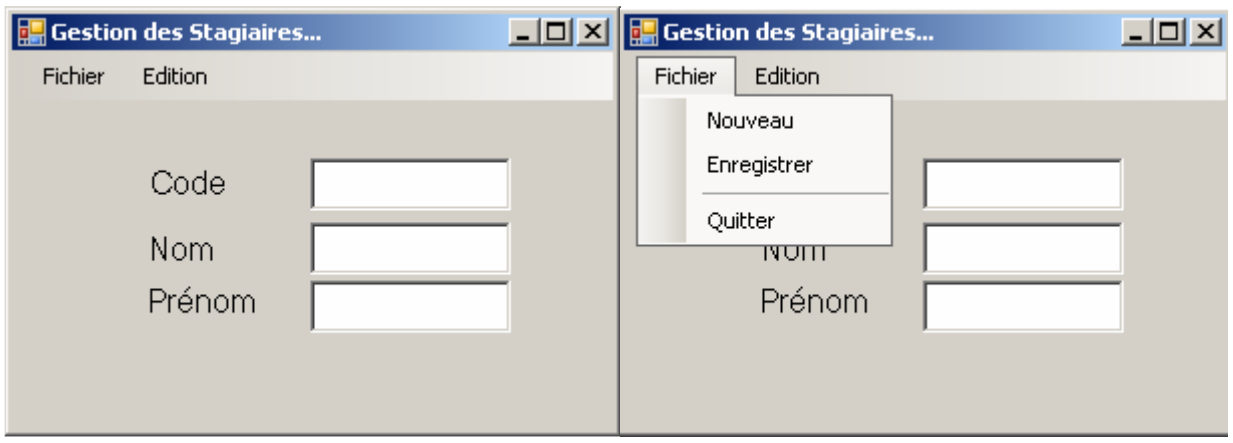
Déclaration du module

```
Imports System.IO
Module ModuleStagiaires
    Public Structure Stagiaire
        Private m_code As Long
        Private m_nom As String
        Private m_prenom As String
        Public Property code() As Long
            Get
                Return m_code
            End Get
            Set(ByVal cod As Long)
                m_code = cod
            End Set
        End Property
        Public Property Nom() As String
            Get
                Return m_nom
            End Get
            Set(ByVal name As String)
                m_nom = name
            End Set
        End Property
        Public Property Prenom() As String
            Get
                Return m_prenom
            End Get
            Set(ByVal pre As String)
                m_prenom = pre
            End Set
        End Property

    End Structure
    Public Enr As Stagiaire
    Public Fs As FileStream
    Public sr As StreamReader
    Public sw As StreamWriter
    Public champs() As String
    Public Ecole As New Collection
End Module
```




```
Imports System.IO
Public Class menu
  Private Sub menu_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        If Not File.Exists("groupe.dat") Then
            Fs = New FileStream("groupe.dat", FileMode.CreateNew)
            sw = New StreamWriter(Fs)
        Else
            Fs = New FileStream("groupe.dat", FileMode.Append)
            sw = New StreamWriter(Fs)

        End If
    End Sub

    Private Sub NouveauToolStripMenuItem_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles NouveauToolStripMenuItem.Click
        Me.TxtCode.ResetText()
        Me.TxtNom.Clear()
        Me.TxtPrénom.Text = ""
        Me.TxtCode.Focus()
    End Sub

    Private Sub QuitterToolStripMenuItem_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles QuitterToolStripMenuItem.Click
        End
    End Sub
```

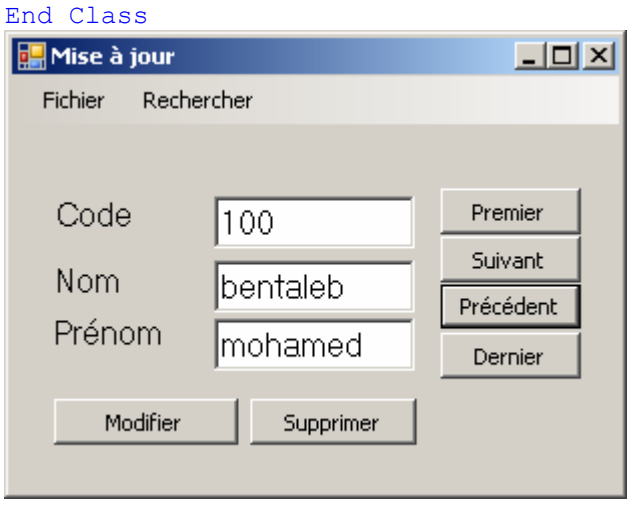
```
    Private Sub EnregistrerToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
EnregistrerToolStripMenuItem.Click
        sw.Close()
        Fs = New FileStream("groupe.dat", FileMode.Open)
        sr = New StreamReader(Fs)
        Dim ligne As String
        Do While sr.Peek <> -1

            ligne = sr.ReadLine
            Champs = ligne.Split(";")
            If CInt(Me.TxtCode.Text) = CInt(Champs(0)) Then
                MsgBox("code déja existant")
                sr.Close()
                Me.TxtCode.Focus()
                Exit Sub

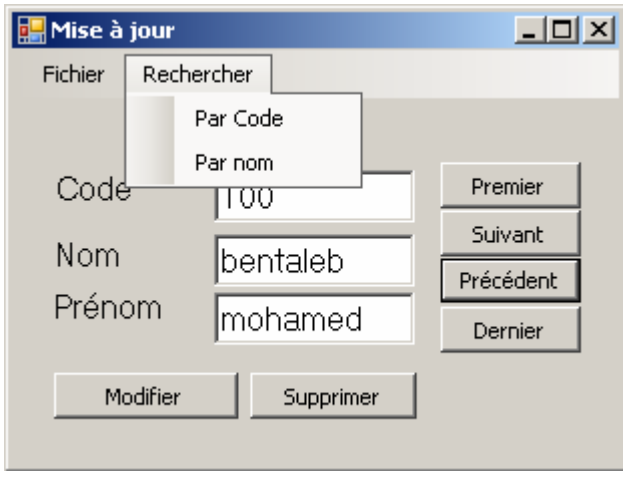
            End If
        Loop
        sr.Close()
        Fs = New FileStream("groupe.dat", FileMode.Append)
        sw = New StreamWriter(Fs)
        Enr.code = CLng(Me.TxtCode.Text)
        Enr.Nom = Me.TxtNom.Text
        Enr.Prenom = Me.TxtPrénom.Text
        sw.WriteLine(Enr.code & ";" & Enr.Nom & ";" & Enr.Prenom)

    End Sub
```

```
    Private Sub ParcourirToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
ParcourirToolStripMenuItem.Click
        sw.Close()
        Me.Hide()
        MAJ.Show()
    End Sub
End Class
```








```
Imports System.IO
Public Class MAJ

    Public Shared pos As Integer

    Private Sub MAJ_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load

        If Not File.Exists("groupe.dat") Then
            MsgBox("Fichier inexistant", MsgBoxStyle.Information)

        Else
            Fs = New FileStream("groupe.dat", FileMode.Open)
            sr = New StreamReader(Fs)
            Dim Ligne As String
            Do While sr.Peek <> -1
                Ligne = sr.ReadLine
                Champs = Ligne.Split(";")
                Enr.code = Champs(0)
                Enr.Nom = Champs(1)
                Enr.Prenom = Champs(2)
                Ecole.Add(Enr, Enr.code.ToString)
            Loop
        End If
        pos = 1
        Enr = Ecole.Item(pos)
        Me.TxtCode.Text = Enr.code
        Me.TxtNom.Text = Enr.Nom
        Me.TxtPrénom.Text = Enr.Prenom
        sr.Close()
    End Sub


    Private Sub BtnPremier_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnPremier.Click
        pos = 1
        Enr = Ecole.Item(pos)
        Me.TxtCode.Text = Enr.code
        Me.TxtNom.Text = Enr.Nom
        Me.TxtPrénom.Text = Enr.Prenom
    End Sub
```

```
    Private Sub BtnSuivant_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnSuivant.Click

        Try
            pos += 1
            Enr = Ecole.Item(pos)
            Me.TxtCode.Text = Enr.code
            Me.TxtNom.Text = Enr.Nom
            Me.TxtPrénom.Text = Enr.Prenom
        Catch ex As Exception
            MessageBox.Show("Fin : Pas d'enregistrement à afficher")
            pos -= 1
        End Try


    End Sub

    Private Sub BtnPrécedent_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnPrécedent.Click
        Try
            pos -= 1
            Enr = Ecole.Item(pos)
            Me.TxtCode.Text = Enr.code
            Me.TxtNom.Text = Enr.Nom
            Me.TxtPrénom.Text = Enr.Prenom
        Catch ex As Exception
            MessageBox.Show("Début : Pas d'enregistrement à afficher")
            pos += 1
        End Try
    End Sub

    Private Sub BtnDernier_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnDernier.Click
        pos = Ecole.Count
        Enr = Ecole.Item(pos)
        Me.TxtCode.Text = Enr.code
        Me.TxtNom.Text = Enr.Nom
        Me.TxtPrénom.Text = Enr.Prenom
    End Sub

    Private Sub BtnSupprimer_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnSupprimer.Click

        If MsgBox("Voulez-vous vraiment supprimer l'enregistrement courant?",
MsgBoxStyle.YesNo) = MsgBoxResult.Yes Then

            Fs = New FileStream("Tempo.dat", FileMode.CreateNew)
            sw = New StreamWriter(Fs)
            Fs = New FileStream("groupe.dat", FileMode.Open)
            sr = New StreamReader(Fs)
            Dim Ligne As String
            Do While sr.Peek <> -1
                Ligne = sr.ReadLine
                champs = Ligne.Split(";")
                If Not (CInt(Me.TxtCode.Text) = CInt(champs(0))) Then
                    sw.WriteLine(Ligne)
                End If
            Loop
            Ecole.Remove(Me.TxtCode.Text.ToString)
            sr.Close()
```

```
            sw.Close()
            File.Delete("groupe.dat")
            File.Copy("Tempo.dat", "groupe.dat")
            File.Delete("Tempo.dat")
        End If
    End Sub

    Private Sub BtnModifier_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnModifier.Click
        If MsgBox("Voulez-vous vraiment Modifier " _
        & " l'enregistrement courant?", MsgBoxStyle.YesNo) = MsgBoxResult.Yes
Then

            Fs = New FileStream("Tempo.dat", FileMode.CreateNew)
            sw = New StreamWriter(Fs)
            Fs = New FileStream("groupe.dat", FileMode.Open)
            sr = New StreamReader(Fs)
            Dim Ligne As String
            Ecole = New Collection
            Do While sr.Peek <> -1
                Ligne = sr.ReadLine
                champs = Ligne.Split(";")
                If Not (CInt(Me.TxtCode.Text) = CInt(champs(0))) Then
                    sw.WriteLine(Ligne)
                    Enr.code = CInt(champs(0))
                    Enr.Nom = champs(1)
                    Enr.Prenom = champs(2)
                    Ecole.Add(Enr, Enr.code.ToString)
                Else
                    sw.WriteLine(Me.TxtCode.Text & ";" _
                    & Me.TxtNom.Text & ";" & Me.TxtPrénom.Text)
                    Enr.code = CInt(Me.TxtCode.Text)
                    Enr.Nom = Me.TxtNom.Text
                    Enr.Prenom = Me.TxtPrénom.Text
                    Ecole.Add(Enr, Enr.code.ToString)
                End If
            Loop
            sr.Close()
            sw.Close()
            File.Delete("groupe.dat")
            File.Copy("Tempo.dat", "groupe.dat")
            File.Delete("Tempo.dat")
        End If

    End Sub

    Private Sub QuitterToolStripMenuItem_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles QuitterToolStripMenuItem.Click

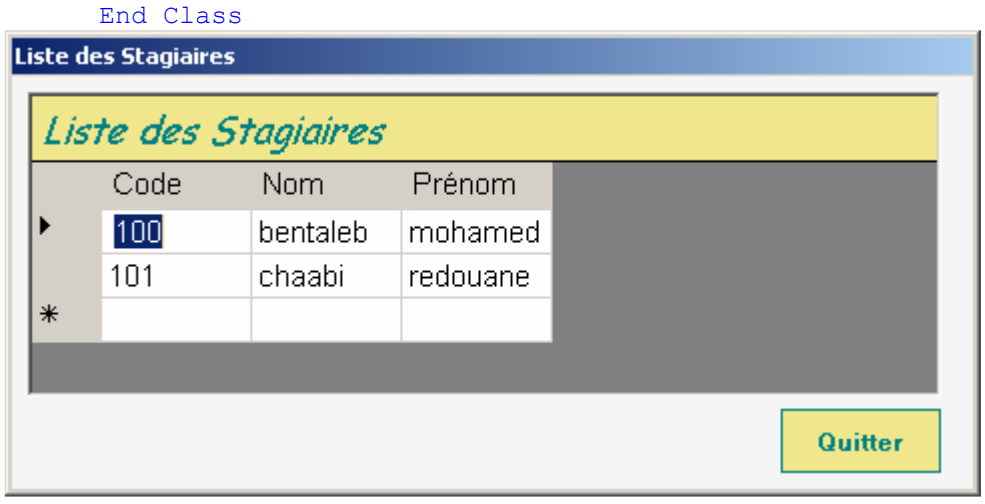
    End Sub
```

```
   Private Sub ParCodeToolStripMenuItem_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ParCodeToolStripMenuItem.Click
        Dim rech As Integer = InputBox("entrer le code à rechercher?")
        For Each Enr In Ecole
            If Enr.code = rech Then
                Me.TxtCode.Text = Enr.code
                Me.TxtNom.Text = Enr.Nom
                Me.TxtPrénom.Text = Enr.Prenom
                Exit Sub
            End If
        Next
        MsgBox("le code est inexistant")
        Me.TxtCode.Focus()
    End Sub

    Private Sub ParNomToolStripMenuItem_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ParNomToolStripMenuItem.Click
        Dim rech As String = InputBox("entrer le code à rechercher?")
        For Each Enr In Ecole
            If Enr.Nom = rech Then
                Me.TxtCode.Text = Enr.code
                Me.TxtNom.Text = Enr.Nom
                Me.TxtPrénom.Text = Enr.Prenom
                Exit Sub
            End If
        Next
        MsgBox("le nom est inexistant")
        Me.TxtCode.Focus()
    End Sub
```

```
    Private Sub ListerToolStripMenuItem_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles ListerToolStripMenuItem.Click
        Form3.Show()

    End Sub
      End Class
```



```
Public Class Form3

    Dim dt As New DataTable
#Region " code création de DataTable "
    Sub CreaterTable()
        Dim Col As DataColumn
        Col = New DataColumn
        Col.ColumnName = "Code"
        Col.DataType = Type.GetType("System.Int64")
        dt.Columns.Add(Col)
        ' ---
        Col = New DataColumn
        Col.ColumnName = "Nom"
        Col.DataType = Type.GetType("System.String")
        Col.MaxLength = 80
        dt.Columns.Add(Col)
        ' ---
        Col = New DataColumn
        Col.ColumnName = "Prénom"
        Col.DataType = Type.GetType("System.String")
        Col.MaxLength = 80
        dt.Columns.Add(Col)
    End Sub
#End Region
#Region " code de remplissage de DataTable et de DataGrid"
    Sub RemplirGrid()
        Dim Stag As stagiaire, dr As DataRow
        For Each Stag In Ecole
            dr = dt.NewRow()
            dr("Code") = Stag.code
            dr("Nom") = Stag.Nom
            dr(2) = Stag.Prenom
            dt.Rows.Add(dr)
        Next
        DataGrid1.DataSource = dt
    End Sub
#End Region
    Private Sub Form3_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        CreaterTable()
        RemplirGrid()
    End Sub
    Private Sub ButQuitter_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles ButQuitter.Click
        Close()
    End Sub
End
```