ANNEXE 2

Lignes de codes sous Visual Basic 6.0

Lignes de code relatives à l'exécution de la forme 1

```
Public adresseD2D1D0, Valeur_J4 As Integer

Private Sub Form_Load()
'initialisation des menus déroulants "D0 à D7"
For i = 0 To 7
    Valeur_D(i).AddItem 0
    Valeur_D(i).AddItem 1
    Valeur_D(i).ListIndex = 0
Next i

' initialisation du registre de commande
Out &H37A, 0

' initialisation du bus J4
Valeur_J4 = 0

' définition du format des bus J2,J3 et J5,J6
For i = 2 To 6
    If i <> 4 Then
        With Bus_J(i)
            .Width = 3300
            For j = 0 To 7
                .ColWidth(j) = 400
                .ColAlignment(j) = flexAlignCenterCenter
            Next j
            .Row = 0
            For k = 0 To 7
                .Col = k
                .Clip = "J" & i & "-" & 8 - k
            Next k
        End With
    End If
Next i

' définition du format du bus J4
With Bus_J(4)
    .Width = 2100
    For j = 0 To 4
        .ColWidth(j) = 400
        .ColAlignment(j) = flexAlignCenterCenter
    Next j
    .Row = 0
    For k = 0 To 4
        .Col = k
        .Clip = "J4-" & 5 - k
    Next k
End With
End Sub

Private Sub Timer1_Timer()
'acquisition continue du port //
Dim portlpt As Byte
Dim a, b As Integer
```

```
For adresseD2D1D0 = 0 To 7
   Valeur_J4 = Valeur_J4 And 248
   Valeur_J4 = Valeur_J4 Or adresseD2D1D0
   Out &H378, Valeur_J4
   Out &H37A, 4

   For i = 0 To 1000
   Next i
   Out &H37A, 0
   portlpt = Inp(&H379)

   b = 64
   For a = 5 To 6
      Donnée_Acquise = (portlpt And b)
      If Donnée_Acquise <> 0 Then
         Donnée_Acquise = 1
      End If
      With Bus_J(a)
         .Row = 1
         .Col = 7 - adresseD2D1D0
         .Clip = Donnée_Acquise
      End With
      b = b * 2
   Next a
Next adresseD2D1D0
adresseD2D1D0 = 0
End Sub

Private Sub Mise_à_0_Click()
' Remise à 0 de tous les bits
For i = 0 To 7
   Valeur_D(i).ListIndex = 0
Next i
End Sub

Private Sub Mise_à_1_Click()
' Remise à 1 de tous les bits
For i = 0 To 7
   Valeur_D(i).ListIndex = 1
Next i
End Sub

Private Sub MàJ_J2_Click()
' Mise à jour de l'affichage du contenu du bus J2
With Bus_J(2)
   .Row = 1
   For i = 0 To 7
      .Col = i
      .Clip = Valeur_D(7 - i)
   Next i
End With
'calcul de la valeur correspondante à envoyer sur le port lpt
b = 1
Valeur_J2 = 0
For i = 0 To 7
   Valeur_J2 = Valeur_J2 + b * Valeur_D(i)
   b = b * 2
Next i
Out &H378, Valeur_J2
Out &H37A, 1
For i = 0 To 1000
Next i
Out &H37A, 0
End Sub
```

```
Private Sub MàJ_J3_Click()
' Mise à jour de l'affichage du contenu du bus J3
With Bus_J(3)
   .Row = 1
   For i = 0 To 7
      .Col = i
      .Clip = Valeur_D(7 - i)
   Next i
End With
'calcul de la valeur correspondante à envoyer sur le port lpt
b = 1
Valeur_J3 = 0
For i = 0 To 7
   Valeur_J3 = Valeur_J3 + b * Valeur_D(i)
   b = b * 2
Next i
Out &H378, Valeur_J3
Out &H37A, 2
For i = 0 To 1000
Next i
Out &H37A, 0
End Sub

Private Sub MàJ_J4_Click()
' Mise à jour de l'affichage du contenu du bus J4
With Bus_J(4)
   .Row = 1
   For i = 0 To 4
      .Col = i
      .Clip = Valeur_D(7 - i)
   Next i
End With
'calcul de la valeur correspondante à envoyer sur le port lpt
b = 8
Valeur_J4 = 0
For i = 3 To 7
   Valeur_J4 = Valeur_J4 + b * Valeur_D(i)
   b = b * 2
Next i
Valeur_J4 = Valeur_J4 Or adresseD2D1D0
Out &H378, Valeur_J4
Out &H37A, 4
For i = 0 To 1000
Next i
Out &H37A, 0
End Sub
```

Lignes de code du module

```
Public Declare Function Inp Lib "inpout32.dll" _
Alias "Inp32" (ByVal PortAddress As Integer) As Integer
Public Declare Sub Out Lib "inpout32.dll" _
Alias "Out32" (ByVal PortAddress As Integer, ByVal Value As Integer)
```