

frm1 - 1

```
Private Sub cmdFi_Click()  
End  
End Sub
```

```
Private Sub cmdNext_Click()  
frm2.Visible = True  
frm1.Visible = False  
  
End Sub
```

VERSION 5.00

Begin VB.Form frm1

```
BackColor      = &H00C0C0C0&
Caption        = "Elasticitat"
ClientHeight   = 7155
ClientLeft     = 60
ClientTop      = 345
ClientWidth    = 9375
Icon           = (Icono)
LinkTopic      = "Form1"
ScaleHeight    = 7155
ScaleWidth     = 9375
StartPosition  = 2 'CenterScreen
```

Begin VB.CommandButton cmdFi

```
Caption        = "&Sortir"
BeginProperty Font
    Name        = "MS Sans Serif"
    Size        = 13.5
    Charset     = 0
    Weight      = 400
    Underline   = 0 'False
    Italic      = 0 'False
    Strikethrough = 0 'False
EndProperty
```

```
Height        = 495
Left          = 3960
TabIndex      = 5
Top           = 5880
Width         = 1935
```

End

Begin VB.CommandButton cmdNext

```
Caption        = "&Següent"
BeginProperty Font
    Name        = "MS Sans Serif"
    Size        = 18
    Charset     = 0
    Weight      = 400
    Underline   = 0 'False
    Italic      = 0 'False
    Strikethrough = 0 'False
EndProperty
```

```
Height        = 735
Left          = 3360
TabIndex      = 3
Top           = 4920
Width         = 3135
```

End

Begin VB.TextBox txt1

```
DragIcon      = (Icono)
BeginProperty Font
    Name        = "MS Sans Serif"
    Size        = 13.5
    Charset     = 0
    Weight      = 400
    Underline   = 0 'False
    Italic      = 0 'False
    Strikethrough = 0 'False
EndProperty
```

```
Height        = 1935
Left          = 1680
MultiLine     = -1 'True
ScrollBars    = 2 'Vertical
TabIndex      = 2
Top           = 2040
Width         = 6135
```

```
End
Begin VB.PictureBox Picture1
    BackColor      = &H00C0C0C0&
    Height         = 4455
    Left           = 360
    Picture        = (Mapa de bits)
    ScaleHeight    = 4395
    ScaleWidth     = 675
    TabIndex       = 1
    Top            = 840
    Width          = 735
End
Begin VB.PictureBox Picture2
    BackColor      = &H00C0C0C0&
    Height         = 4455
    Left           = 8280
    Picture        = (Mapa de bits)
    ScaleHeight    = 4395
    ScaleWidth     = 675
    TabIndex       = 0
    Top            = 840
    Width          = 735
End
Begin VB.Label lbl1
    Alignment      = 2 'Center
    BackColor      = &H00C0C0C0&
    Caption        = "Elasticitat"
    BeginProperty Font
        Name        = "Comic Sans MS"
        Size        = 36
        Charset     = 0
        Weight      = 400
        Underline   = 0 'False
        Italic      = 0 'False
        Strikethrough = 0 'False
    EndProperty
    ForeColor      = &H000000C0&
    Height         = 855
    Left           = 2400
    TabIndex       = 4
    Top            = 600
    Width          = 4815
End
End
```

frm2 - 1

```
Option Explicit
Dim n1 As Single
Dim n2 As Single
Dim n3 As Single
Dim n4 As Single
Dim n5 As Single
Dim n6 As Single
Dim n7 As Single
Dim r1 As Single
Dim r2 As Double
Dim r3 As Single
Dim r5 As Single
Dim r6 As Single
Dim r7 As Integer
```

```
Private Sub cmdBorrar_Click()
```

```
    txtFuerza.Text = ""
    txtArea.Text = ""
    txtLo.Text = ""
    txtEsfuerzo.Text = ""
    txtE.Text = ""
    txtDefUni.Text = ""
    txtLtotal.Text = ""
    txtCoef.Text = ""
    txtLimite.Text = ""
    lbl4.ForeColor = &H0&
    lbl13.ForeColor = &H0&
    lbl14.ForeColor = &H0&
    lbl16.ForeColor = &H0&
    lbl19.ForeColor = &H0&
```

```
End Sub
```

```
Private Sub cmdCalcular_Click()
```

```
    n1 = Val(txtFuerza.Text)
    n2 = Val(txtArea.Text)
    n3 = Val(txtLo.Text)
    n4 = Val(txtE.Text)
    n5 = Val(txtEsfuerzo.Text)
    n6 = Val(txtLimite.Text)
    n7 = Val(txtCoef.Text)
```

```
    If txtFuerza.Text = "" Then
        r5 = n5 * n2
        txtFuerza.Text = Str$(r5)
        lbl4.ForeColor = &HFF0000
```

```
    Else: txtEsfuerzo.Text = ""
        Calcular1
```

```
    End If
```

```
    If n4 = 0 Then
        txtE.Text = "valor"
    Else
        r6 = r1 / n4
        txtDefUni.Text = Str$(r6)
        lbl13.ForeColor = &HFF0000
        lbl14.ForeColor = &HFF0000
```

```
End If
```

```
    If txtCoef.Text = "" Then
        n1 = Val(txtFuerza.Text)
        n2 = Val(txtArea.Text)
```

```
        If n2 = 0 Then
            txtArea.Text = "valor"
        Else
            r1 = n1 / n2
        End If
            If r1 = 0 Then
                txtArea.Text = "valor"
            Else
                r7 = n6 / r1
            End If
        txtCoef.Text = Str$(r7)
        lbl19.ForeColor = &HFF0000
    End If
```

```
End Sub
```

```
Private Sub cmdFi_Click()
    End
End Sub
```

```
Private Sub Calcula1()
    n1 = Val(txtFuerza.Text)
    n2 = Val(txtArea.Text)
    n3 = Val(txtLo.Text)
    n4 = Val(txtE.Text)
    n5 = Val(txtEsfuerzo.Text)

    If n2 = 0 Then
        txtEsfuerzo.Text = "valor"
    Else
        r1 = n1 / n2
        txtEsfuerzo.Text = Str$(r1)

        If n4 = 0 Then
            txtE.Text = "valor"
        Else
            r2 = r1 * n3 / n4
        End If
        txtDefUni.Text = Str$(r2)
        lbl4.ForeColor = &HFF0000
        lbl13.ForeColor = &HFF0000
        lbl14.ForeColor = &HFF0000

    End If

    If op1 Then
        r3 = n3 + r2
        txtLtotal.Text = Str$(r3)
        lbl16.ForeColor = &HFF0000
    Else
        r3 = n3 - r2
        txtLtotal.Text = Str$(r3)
        lbl16.ForeColor = &HFF0000
    End If
```

```
End Sub
```

```
Private Sub Form_Load()
    frm1.Visible = True
End Sub
```

```
Private Sub lbl5_Click()
```

frm2 - 3

End Sub

VERSION 5.00

Begin VB.Form frm2

```
BackColor      = &H00C0C0C0&
Caption        = "Elasticidad"
ClientHeight   = 7155
ClientLeft     = 60
ClientTop      = 345
ClientWidth    = 9375
ForeColor      = &H00808080&
Icon           = (Icono)
LinkTopic      = "Form1"
MaxButton      = 0 'False
MouseIcon      = (Icono)
ScaleHeight    = 7155
ScaleWidth     = 9375
StartPosition  = 2 'CenterScreen
Visible        = 0 'False
```

Begin VB.TextBox txtCoef

BeginProperty Font

```
Name          = "MS Sans Serif"
Size           = 13.5
Charset        = 0
Weight         = 400
Underline      = 0 'False
Italic         = 0 'False
Strikethrough  = 0 'False
```

EndProperty

```
Height        = 375
Left          = 7200
TabIndex      = 29
Top           = 4440
Width         = 615
```

End

Begin VB.TextBox txtLimite

BeginProperty Font

```
Name          = "MS Sans Serif"
Size           = 12
Charset        = 0
Weight         = 400
Underline      = 0 'False
Italic         = 0 'False
Strikethrough  = 0 'False
```

EndProperty

```
Height        = 405
Left          = 1800
TabIndex      = 28
Top           = 2160
Width         = 1455
```

End

Begin VB.OptionButton op2

```
BackColor      = &H00C0C0C0&
Caption        = "Compresió"
```

BeginProperty Font

```
Name          = "MS Sans Serif"
Size           = 9.75
Charset        = 0
Weight         = 400
Underline      = 0 'False
Italic         = 0 'False
Strikethrough  = 0 'False
```

EndProperty

```
ForeColor      = &H00000000&
Height         = 255
Left           = 4920
TabIndex       = 27
```

```
Top          = 2880
Width        = 1575
End
Begin VB.OptionButton op1
BackColor    = &H00C0C0C0&
Caption      = "Tracció"
BeginProperty Font
Name         = "MS Sans Serif"
Size        = 9.75
Charset     = 0
Weight      = 400
Underline   = 0 'False
Italic      = 0 'False
Strikethrough = 0 'False
EndProperty
ForeColor    = &H00000000&
Height      = 255
Left        = 2760
TabIndex    = 26
Top         = 2880
Value       = -1 'True
Width      = 1095
End
Begin VB.CommandButton cmdBorrar
Caption      = "&Borrar Tot"
BeginProperty Font
Name         = "MS Sans Serif"
Size        = 13.5
Charset     = 0
Weight      = 400
Underline   = 0 'False
Italic      = 0 'False
Strikethrough = 0 'False
EndProperty
Height      = 615
Left        = 1560
TabIndex    = 25
Top         = 5880
Width      = 1935
End
Begin VB.TextBox txtLtotal
Enabled      = 0 'False
Height      = 285
Left        = 1920
TabIndex    = 23
Top         = 4440
Width      = 1575
End
Begin VB.TextBox txtDefUni
BeginProperty Font
Name         = "MS Sans Serif"
Size        = 13.5
Charset     = 0
Weight      = 400
Underline   = 0 'False
Italic      = 0 'False
Strikethrough = 0 'False
EndProperty
Height      = 375
Left        = 6720
TabIndex    = 20
Top         = 3480
Width      = 1455
End
Begin VB.TextBox txtE
```

```
BeginProperty Font
  Name           = "MS Sans Serif"
  Size           = 12
  Charset        = 0
  Weight         = 400
  Underline      = 0 'False
  Italic         = 0 'False
  Strikethrough  = 0 'False
EndProperty
Height          = 375
Left            = 6840
TabIndex        = 15
Top             = 1560
Width           = 1455
End
Begin VB.TextBox txtLo
  BeginProperty Font
    Name           = "MS Sans Serif"
    Size           = 12
    Charset        = 0
    Weight         = 400
    Underline      = 0 'False
    Italic         = 0 'False
    Strikethrough  = 0 'False
  EndProperty
  Height          = 375
  Left            = 6840
  TabIndex        = 14
  Top             = 1080
  Width           = 1455
End
Begin VB.CommandButton cmdFi
  Caption         = "&Sortir"
  Height          = 495
  Left            = 6600
  TabIndex        = 7
  Top             = 6000
  Width           = 1095
End
Begin VB.CommandButton cmdCalcular
  Caption         = "&Calcular"
  BeginProperty Font
    Name           = "MS Sans Serif"
    Size           = 18
    Charset        = 0
    Weight         = 400
    Underline      = 0 'False
    Italic         = 0 'False
    Strikethrough  = 0 'False
  EndProperty
  Height          = 735
  Left            = 3840
  TabIndex        = 6
  Top             = 5760
  Width           = 2415
End
Begin VB.TextBox txtEsfuerzo
  BeginProperty Font
    Name           = "MS Sans Serif"
    Size           = 13.5
    Charset        = 0
    Weight         = 400
    Underline      = 0 'False
    Italic         = 0 'False
    Strikethrough  = 0 'False
```

```
EndProperty
Height      = 375
Left       = 1800
TabIndex   = 5
Top        = 3480
Width      = 1575
End
Begin VB.TextBox txtArea
BeginProperty Font
    Name      = "MS Sans Serif"
    Size      = 12
    Charset   = 0
    Weight    = 400
    Underline = 0 'False
    Italic    = 0 'False
    Strikethrough = 0 'False
EndProperty
Height      = 375
Left       = 1800
TabIndex   = 4
Top        = 1440
Width      = 1335
End
Begin VB.TextBox txtFuerza
BeginProperty Font
    Name      = "MS Sans Serif"
    Size      = 12
    Charset   = 0
    Weight    = 400
    Underline = 0 'False
    Italic    = 0 'False
    Strikethrough = 0 'False
EndProperty
Height      = 375
Left       = 1800
TabIndex   = 3
Top        = 960
Width      = 1335
End
Begin VB.Label Label1
BackColor   = &H00C0C0C0&
Caption     = "2"
ForeColor  = &H00000000&
Height     = 255
Left       = 3480
TabIndex   = 33
Top        = 1440
Width      = 255
End
Begin VB.Label lbl20
BackColor   = &H00C0C0C0&
Caption     = "Mpa"
BeginProperty Font
    Name      = "MS Sans Serif"
    Size      = 9.75
    Charset   = 0
    Weight    = 400
    Underline = 0 'False
    Italic    = 0 'False
    Strikethrough = 0 'False
EndProperty
ForeColor  = &H00000000&
Height     = 255
Left       = 3360
TabIndex   = 32
```

```
Top           = 2280
Width        = 495
End
Begin VB.Label lbl19
Alignment    = 1 'Right Justify
BackColor    = &H00C0C0C0&
Caption      = "Coef. Seguretat"
BeginProperty Font
    Name      = "MS Sans Serif"
    Size      = 13.5
    Charset   = 0
    Weight    = 400
    Underline = 0 'False
    Italic    = 0 'False
    Strikethrough = 0 'False
EndProperty
ForeColor    = &H00000000&
Height       = 375
Left         = 4920
TabIndex     = 31
Top          = 4440
Width        = 2175
End
Begin VB.Label lbl18
Alignment    = 1 'Right Justify
BackColor    = &H00C0C0C0&
Caption      = "Límit Elàstic"
BeginProperty Font
    Name      = "MS Sans Serif"
    Size      = 13.5
    Charset   = 0
    Weight    = 400
    Underline = 0 'False
    Italic    = 0 'False
    Strikethrough = 0 'False
EndProperty
ForeColor    = &H00000000&
Height       = 375
Left         = 0
TabIndex     = 30
Top          = 2160
Width        = 1815
End
Begin VB.Label lbl17
BackColor    = &H00C0C0C0&
Caption      = "mm"
BeginProperty Font
    Name      = "MS Sans Serif"
    Size      = 9.75
    Charset   = 0
    Weight    = 700
    Underline = 0 'False
    Italic    = 0 'False
    Strikethrough = 0 'False
EndProperty
ForeColor    = &H00000000&
Height       = 255
Left         = 3600
TabIndex     = 24
Top          = 4440
Width        = 855
End
Begin VB.Label lbl16
Alignment    = 1 'Right Justify
BackColor    = &H00C0C0C0&
```

```
Caption          = "Allargament Total"
BeginProperty Font
  Name           = "MS Sans Serif"
  Size           = 13.5
  Charset        = 0
  Weight         = 400
  Underline      = 0 'False
  Italic         = 0 'False
  Strikethrough  = 0 'False
EndProperty
ForeColor        = &H00000000&
Height          = 735
Left            = 120
TabIndex        = 22
Top             = 4440
Width           = 1695
End
Begin VB.Label lbl15
  BackColor      = &H00C0C0C0&
  Caption        = "mm"
  BeginProperty Font
    Name         = "MS Sans Serif"
    Size         = 9.75
    Charset      = 0
    Weight       = 700
    Underline    = 0 'False
    Italic       = 0 'False
    Strikethrough = 0 'False
  EndProperty
  ForeColor      = &H00000000&
  Height         = 255
  Left           = 8280
  TabIndex       = 21
  Top            = 3600
  Width          = 1215
End
Begin VB.Label lbl14
  BackColor      = &H00C0C0C0&
  Caption        = "Unitària"
  BeginProperty Font
    Name         = "MS Sans Serif"
    Size         = 13.5
    Charset      = 0
    Weight       = 400
    Underline    = 0 'False
    Italic       = 0 'False
    Strikethrough = 0 'False
  EndProperty
  ForeColor      = &H00000000&
  Height         = 375
  Left           = 5640
  TabIndex       = 19
  Top            = 3720
  Width          = 975
End
Begin VB.Label lbl13
  Alignment      = 1 'Right Justify
  BackColor      = &H00C0C0C0&
  Caption        = "Deformació"
  BeginProperty Font
    Name         = "MS Sans Serif"
    Size         = 13.5
    Charset      = 0
    Weight       = 400
    Underline    = 0 'False
```

```
        Italic           = 0   'False
        Strikethrough    = 0   'False
    EndProperty
    ForeColor           = &H00000000&
    Height              = 375
    Left                = 4920
    TabIndex            = 18
    Top                 = 3360
    Width               = 1815
End
Begin VB.Label lbl12
    BackColor           = &H00C0C0C0&
    Caption              = "Mpa"
    BeginProperty Font
        Name              = "MS Sans Serif"
        Size              = 9.75
        Charset           = 0
        Weight            = 400
        Underline         = 0   'False
        Italic            = 0   'False
        Strikethrough     = 0   'False
    EndProperty
    ForeColor           = &H00000000&
    Height              = 255
    Left                = 8520
    TabIndex            = 17
    Top                 = 1680
    Width               = 975
End
Begin VB.Label lbl11
    BackColor           = &H00C0C0C0&
    Caption              = "mm"
    BeginProperty Font
        Name              = "MS Sans Serif"
        Size              = 9.75
        Charset           = 0
        Weight            = 400
        Underline         = 0   'False
        Italic            = 0   'False
        Strikethrough     = 0   'False
    EndProperty
    ForeColor           = &H00000000&
    Height              = 375
    Left                = 8520
    TabIndex            = 16
    Top                 = 1080
    Width               = 855
End
Begin VB.Label lbl10
    Alignment            = 1   'Right Justify
    BackColor           = &H00C0C0C0&
    Caption              = "Mòdul Elàstic"
    BeginProperty Font
        Name              = "MS Sans Serif"
        Size              = 13.5
        Charset           = 0
        Weight            = 400
        Underline         = 0   'False
        Italic            = 0   'False
        Strikethrough     = 0   'False
    EndProperty
    ForeColor           = &H00000000&
    Height              = 375
    Left                = 4560
    TabIndex            = 13
```

```
Top          = 1560
Width        = 2055
End
Begin VB.Label lbl9
Alignment    = 1 'Right Justify
BackColor    = &H00C0C0C0&
Caption      = "Longitud inicial"
BeginProperty Font
    Name      = "MS Sans Serif"
    Size      = 13.5
    Charset   = 0
    Weight     = 400
    Underline  = 0 'False
    Italic     = 0 'False
    Strikethrough = 0 'False
EndProperty
ForeColor    = &H00000000&
Height       = 375
Left         = 4680
TabIndex     = 12
Top          = 1080
Width        = 1935
End
Begin VB.Label lbl8
BackColor    = &H00C0C0C0&
Caption      = "MPa"
BeginProperty Font
    Name      = "Times New Roman"
    Size      = 9.75
    Charset   = 0
    Weight     = 700
    Underline  = 0 'False
    Italic     = 0 'False
    Strikethrough = 0 'False
EndProperty
ForeColor    = &H00000000&
Height       = 375
Left         = 3480
TabIndex     = 11
Top          = 3480
Width        = 735
End
Begin VB.Label lbl7
BackColor    = &H00C0C0C0&
Caption      = "mm"
BeginProperty Font
    Name      = "MS Sans Serif"
    Size      = 9.75
    Charset   = 0
    Weight     = 400
    Underline  = 0 'False
    Italic     = 0 'False
    Strikethrough = 0 'False
EndProperty
ForeColor    = &H00000000&
Height       = 255
Left         = 3120
TabIndex     = 10
Top          = 1560
Width        = 495
End
Begin VB.Label lbl6
BackColor    = &H00C0C0C0&
Caption      = "Newtons"
BeginProperty Font
```

```
Name           = "MS Sans Serif"
Size           = 9.75
Charset        = 0
Weight         = 400
Underline      = 0 'False
Italic         = 0 'False
Strikethrough  = 0 'False
EndProperty
ForeColor      = &H00000000&
Height         = 255
Left           = 3240
TabIndex       = 9
Top            = 1080
Width          = 855
End
Begin VB.Label lbl5
Alignment      = 2 'Center
BackColor      = &H00C0C0C0&
Caption        = "Introdueix les dades que coneguis y deixa les incognites en blanc i
BeginProperty Font
Name           = "MS Sans Serif"
Size           = 9.75
Charset        = 0
Weight         = 400
Underline      = 0 'False
Italic         = 0 'False
Strikethrough  = 0 'False
EndProperty
ForeColor      = &H00000000&
Height         = 375
Left           = 840
TabIndex       = 8
Top            = 240
Width          = 7695
End
Begin VB.Label lbl4
Alignment      = 1 'Right Justify
BackColor      = &H00C0C0C0&
Caption        = "Esforç"
BeginProperty Font
Name           = "MS Sans Serif"
Size           = 13.5
Charset        = 0
Weight         = 400
Underline      = 0 'False
Italic         = 0 'False
Strikethrough  = 0 'False
EndProperty
ForeColor      = &H00000000&
Height         = 375
Left           = 600
TabIndex       = 2
Top            = 3480
Width          = 1095
End
Begin VB.Label lbl3
Alignment      = 1 'Right Justify
BackColor      = &H00C0C0C0&
Caption        = "Àrea"
BeginProperty Font
Name           = "MS Sans Serif"
Size           = 13.5
Charset        = 0
Weight         = 400
Underline      = 0 'False
```

```
        Italic          = 0   'False
        Strikethrough   = 0   'False
    EndProperty
    ForeColor          = &H00000000&
    Height             = 375
    Left               = 840
    TabIndex           = 1
    Top                = 1440
    Width              = 735
End
Begin VB.Label lbl2
    Alignment          = 1   'Right Justify
    BackColor          = &H00C0C0C0&
    Caption             = "Força"
    BeginProperty Font
        Name            = "MS Sans Serif"
        Size            = 13.5
        Charset         = 0
        Weight          = 400
        Underline       = 0   'False
        Italic          = 0   'False
        Strikethrough   = 0   'False
    EndProperty
    ForeColor          = &H00000000&
    Height             = 375
    Left               = 720
    TabIndex           = 0
    Top                = 960
    Width              = 975
End
End
```