

```
-----  
'EnvitConvert Program Code  
'ENVIT Student Group  
'Author: Enrique R. Vivoni  
'Last Modification 9/28/01  
'Also see EnvitConvert.ebp, EnvitConvert.vbw, frmMain.ebf  
-----
```

Option Explicit

Dim fromUnit As Integer

Dim toUnit As Integer

Private Sub Form_OKClick()

 App.End

End Sub

Private Sub Form_Load()

 Dim mnuFile As MenuBarWelcome

 Set mnuFile = mnuBar.Controls.AddMenu("File", "mnuFile")

 mnuFile.Items.Add 1, "mnuFileExit", "Exit"

 toUnit = 0

 fromUnit = 0

End Sub

Private Sub mnuBar_MenuClick(ByVal Item As MenuBarLib.Item)

 Select Case Item.Key

 Case "mnuFileExit"

 App.End

 End Select

End Sub

Private Sub mnuBarWelcome_MenuClick(ByVal Item As MenuBarLib.Item)

 Select Case Item.Key

 Case "mnuFileExit"

 App.End

 End Select

End Sub

Private Sub cmbSelect_Click()

 Dim intItemData As Integer

 intItemData = cmbSelect.ItemData(cmbSelect.ListIndex)

 If intItemData = 0 Then

 frameTemp.Visible = True

 End If

End Sub

Private Sub cmbFrom_Click()

 Dim intID As Integer

 intID = cmbFrom.ItemData(cmbFrom.ListIndex)

 If intID = 1 Then

 fromUnit = 1

 End If

 If intID = 2 Then

 fromUnit = 2

```

    End If
End Sub
Private Sub cmbTo_Click()
    Dim intID As Integer
    intID = cmbFrom.ItemData(cmbTo.ListIndex)
    If intID = 1 Then
        toUnit = 1
    End If
    If intID = 2 Then
        toUnit = 2
    End If
End Sub

Private Sub commConvert_Click()
    Dim NumberIn As Double
    Dim Opt As Integer

    Dim MsgV
    'MsgV = MsgBox(toUnit)

    If fromUnit = 0 Then
        MsgV = MsgBox("Please Specify From Unit")
    End If
    If toUnit = 0 Then
        MsgV = MsgBox("Please Specify To Unit")
    End If

    If fromUnit = 1 Then
        If toUnit = 2 Then
            Opt = 0
        End If
        If toUnit = 1 Then
            Opt = 2
        End If
    End If

    If fromUnit = 2 Then
        If toUnit = 1 Then
            Opt = 0
        End If
        If toUnit = 2 Then
            Opt = 1
        End If
    End If

    NumberIn = TxtTmpIn.Text

    'No conversion
    If Opt = 0 Then
        TxtTmpOut.Text = NumberIn
    End If
    'F to C conversion
    If Opt = 1 Then
        TxtTmpOut.Text = (5# / 9#) * (NumberIn - 32)
    End If
    'C to F conversion
    If Opt = 2 Then

```

```
        TxtTmpOut.Text = ((9# / 5#) * (NumberIn)) + 32
    End If
```

```
End Sub
```

```
Private Sub commReset_Click()
```

```
    TxtTmpOut.Text = ""
```

```
    TxtTmpIn.Text = ""
```

```
End Sub
```