**Count the Vowels Exercise**

In this exercise you will be using the Select Case statement in place of the If Then Else and ElseIf statements. Notice how much shorter or efficient the code is using the case statement.

Examine the code, design the form and get the application to run.

Public Class Form1

Private Sub btnCountVowels\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCountVowels.Click

Dim text As String

Dim count As Integer = 0

text = (Me.txtText.Text).ToLower

For index As Integer = 0 To text.Length - 1

Select Case text.Chars(index)

Case "a", "e", "i", "o", "u"

count += 1

End Select

Next index

Me.lblAnswer.Text = "The number of vowels in " & vbCrLf & text & " is: " & vbCrLf & count

End Sub

Private Sub txtText\_TextChanged(ByVal sender As Object, ByVal e As System.EventArgs)

Me.lblAnswer.Text = Nothing

End Sub

Private Sub Form1\_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)

End Sub

Private Sub ExitProgramToolStripMenuItem\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles ExitProgramToolStripMenuItem.Click

Application.Exit()

End Sub

End Class