'Chino Montano

'12/05/14

'703 Test

Public Class frmTheProgram

Private Sub mnuStrings(ByRef strFunction As String)

Dim strTheString As String = txtTheString.Text

If strTheString = Nothing Then

MessageBox.Show("Please enter a string")

Else

Select Case strFunction

Case "length"

lblTheAnswer.Text = "The length of the string is " & strTheString.Length

Case "trim"

lblTheAnswer.Text = strTheString.Trim

Case "uppercase"

strTheString.Trim()

lblTheAnswer.Text = strTheString.ToUpper

Case "find"

Dim strWord As String

strWord = InputBox("Please enter what you would like to find", "Search...")

If strWord = Nothing Then

lblTheAnswer.Text = "I'm sorry but you didn't entered anything to search for..."

ElseIf strTheString.IndexOf(strWord) = -1 Then

lblTheAnswer.Text = "Not Found"

Else

lblTheAnswer.Text = "The string is located at position " & strTheString.IndexOf(strWord)

End If

End Select

End If

End Sub

Private Sub mnuMath()

Dim dblTheDecimal, dblSqrt As Double

Dim strToLabel As String

Try

dblTheDecimal = Convert.ToDouble(txtTheDecimal.Text)

dblSqrt = Math.Sqrt(dblTheDecimal)

strToLabel = "The square root of " & dblTheDecimal & " is " & Math.Round(dblSqrt, 4)

If dblTheDecimal < 0 Then

dblTheDecimal = Math.Abs(dblTheDecimal)

lblTheAnswer.Text = strToLabel + "i"

Else

lblTheAnswer.Text = strToLabel

End If

Catch ex As Exception

MessageBox.Show("Please enter a decimal")

End Try

End Sub

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

mnuStrings("length")

End Sub

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

mnuStrings("trim")

End Sub

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

mnuStrings("uppercase")

End Sub

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

mnuStrings("find")

End Sub

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

mnuMath()

End Sub

End Class