Public Class Form1

Dim add, subt, mul, div, result, oprloop, addloop, subtloop, mulloop, divloop, len1, len2, del As Integer

Dim add\_aft\_mul, add\_aft\_subt, add\_aft\_div, subt\_aft\_add, subt\_aft\_mul, subt\_aft\_div As Integer

Dim mul\_aft\_add, mul\_aft\_subt, mul\_aft\_div, div\_aft\_add, div\_aft\_subt, div\_aft\_mul As Integer

Dim opr1, opr2, answer As Double

Dim opr, del\_opr1, del\_opr2 As String

Private Sub Button9\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button9.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button9.Text

If add Then

TextBox2.Text = Button9.Text

add = False

ElseIf subt Then

TextBox2.Text = Button9.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button9.Text

mul = False

ElseIf div Then

TextBox2.Text = Button9.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button9.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

Private Sub Button1\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button1.Text

If add Then

TextBox2.Text = Button1.Text

add = False

ElseIf subt Then

TextBox2.Text = Button1.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button1.Text

mul = False

ElseIf div Then

TextBox2.Text = Button1.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button1.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

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Private Sub Button2\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button2.Text

If add Then

TextBox2.Text = Button2.Text

add = False

ElseIf subt Then

TextBox2.Text = Button2.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button2.Text

mul = False

ElseIf div Then

TextBox2.Text = Button2.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button2.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

Private Sub Button3\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button3.Text

If add Then

TextBox2.Text = Button3.Text

add = False

ElseIf subt Then

TextBox2.Text = Button3.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button3.Text

mul = False

ElseIf div Then

TextBox2.Text = Button3.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button3.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

Private Sub Button4\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button4.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button4.Text

If add Then

TextBox2.Text = Button4.Text

add = False

ElseIf subt Then

TextBox2.Text = Button4.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button4.Text

mul = False

ElseIf div Then

TextBox2.Text = Button4.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button4.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

Private Sub Button5\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button5.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button5.Text

If add Then

TextBox2.Text = Button5.Text

add = False

ElseIf subt Then

TextBox2.Text = Button5.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button5.Text

mul = False

ElseIf div Then

TextBox2.Text = Button5.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button5.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

Private Sub Button6\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button6.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button6.Text

If add Then

TextBox2.Text = Button6.Text

add = False

ElseIf subt Then

TextBox2.Text = Button6.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button6.Text

mul = False

ElseIf div Then

TextBox2.Text = Button6.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button6.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

Private Sub Button7\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button7.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button7.Text

If add Then

TextBox2.Text = Button7.Text

add = False

ElseIf subt Then

TextBox2.Text = Button7.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button7.Text

mul = False

ElseIf div Then

TextBox2.Text = Button7.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button7.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

Private Sub Button8\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button8.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button8.Text

If add Then

TextBox2.Text = Button8.Text

add = False

ElseIf subt Then

TextBox2.Text = Button8.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button8.Text

mul = False

ElseIf div Then

TextBox2.Text = Button8.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button8.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

Private Sub Button10\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button10.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button10.Text

If add Then

TextBox2.Text = Button10.Text

add = False

ElseIf subt Then

TextBox2.Text = Button10.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button10.Text

mul = False

ElseIf div Then

TextBox2.Text = Button10.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button10.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

Private Sub Button11\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button11.Click

If result Then

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

answer = 0

result = False

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End If

TextBox1.Text = TextBox1.Text + Button11.Text

If add Then

TextBox2.Text = Button11.Text

add = False

ElseIf subt Then

TextBox2.Text = Button11.Text

subt = False

ElseIf mul Then

TextBox2.Text = Button11.Text

mul = False

ElseIf div Then

TextBox2.Text = Button11.Text

div = False

Else

TextBox2.Text = TextBox2.Text + Button11.Text

End If

opr1 = Val(TextBox2.Text)

del = False

End Sub

Private Sub Button18\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button18.Click

If add\_aft\_subt Then

opr2 = Val(TextBox2.Text)

answer = answer - opr2

TextBox2.Text = answer

add\_aft\_subt = False

mul\_aft\_subt = False

div\_aft\_subt = False

ElseIf add\_aft\_mul Then

opr2 = Val(TextBox2.Text)

answer = answer \* opr2

TextBox2.Text = answer

add\_aft\_mul = False

subt\_aft\_mul = False

div\_aft\_mul = False

ElseIf add\_aft\_div Then

opr2 = Val(TextBox2.Text)

answer = answer / opr2

TextBox2.Text = answer

add\_aft\_div = False

subt\_aft\_div = False

mul\_aft\_div = False

ElseIf addloop Then

opr2 = Val(TextBox2.Text)

answer = answer + opr2

TextBox2.Text = answer

ElseIf addloop = False Then

opr2 = 0

answer = opr1 + opr2

TextBox2.Text = answer

End If

add = True

oprloop = True

TextBox1.Text = TextBox1.Text & Button18.Text

opr = "+"

addloop = True

subt\_aft\_add = True

mul\_aft\_add = True

div\_aft\_add = True

del = False

End Sub

Private Sub Button16\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button16.Click

If subt\_aft\_add Then

opr2 = Val(TextBox2.Text)

answer = answer + opr2

TextBox2.Text = answer

subt\_aft\_add = False

mul\_aft\_add = False

div\_aft\_add = False

ElseIf subt\_aft\_mul Then

opr2 = Val(TextBox2.Text)

answer = answer \* opr2

TextBox2.Text = answer

subt\_aft\_mul = False

add\_aft\_mul = False

div\_aft\_mul = False

ElseIf subt\_aft\_div Then

opr2 = Val(TextBox2.Text)

answer = answer / opr2

TextBox2.Text = answer

subt\_aft\_div = False

add\_aft\_div = False

mul\_aft\_div = False

ElseIf subtloop Then

opr2 = Val(TextBox2.Text)

answer = answer - opr2

TextBox2.Text = answer

ElseIf subtloop = False Then

opr2 = 0

answer = opr1 - opr2

TextBox2.Text = answer

End If

subt = True

oprloop = True

TextBox1.Text = TextBox1.Text & Button16.Text

opr = "-"

subtloop = True

add\_aft\_subt = True

mul\_aft\_subt = True

div\_aft\_subt = True

del = False

End Sub

Private Sub Button14\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button14.Click

If mul\_aft\_add Then

opr2 = Val(TextBox2.Text)

answer = answer + opr2

TextBox2.Text = answer

mul\_aft\_add = False

subt\_aft\_add = False

div\_aft\_add = False

ElseIf mul\_aft\_subt Then

opr2 = Val(TextBox2.Text)

answer = answer - opr2

TextBox2.Text = answer

mul\_aft\_subt = False

add\_aft\_subt = False

div\_aft\_subt = False

ElseIf mul\_aft\_div Then

opr2 = Val(TextBox2.Text)

answer = answer / opr2

TextBox2.Text = answer

mul\_aft\_div = False

add\_aft\_div = False

subt\_aft\_div = False

ElseIf mulloop Then

opr2 = Val(TextBox2.Text)

answer = answer \* opr2

TextBox2.Text = answer

ElseIf mulloop = False Then

TextBox2.Text = opr1

answer = opr1

End If

mul = True

oprloop = True

TextBox1.Text = TextBox1.Text & Button14.Text

opr = "\*"

mulloop = True

add\_aft\_mul = True

subt\_aft\_mul = True

div\_aft\_mul = True

del = False

End Sub

Private Sub Button19\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button19.Click

If div\_aft\_add Then

opr2 = Val(TextBox2.Text)

answer = answer + opr2

TextBox2.Text = answer

div\_aft\_add = False

subt\_aft\_add = False

mul\_aft\_add = False

ElseIf div\_aft\_subt Then

opr2 = Val(TextBox2.Text)

answer = answer - opr2

TextBox2.Text = answer

div\_aft\_subt = False

add\_aft\_subt = False

mul\_aft\_subt = False

ElseIf div\_aft\_mul Then

opr2 = Val(TextBox2.Text)

answer = answer \* opr2

TextBox2.Text = answer

div\_aft\_mul = False

add\_aft\_mul = False

subt\_aft\_mul = False

ElseIf divloop Then

opr2 = Val(TextBox2.Text)

answer = answer / opr2

TextBox2.Text = answer

ElseIf divloop = False Then

TextBox2.Text = opr1

answer = opr1

End If

div = True

oprloop = True

TextBox1.Text = TextBox1.Text & Button19.Text

opr = "/"

divloop = True

add\_aft\_div = True

subt\_aft\_div = True

mul\_aft\_div = True

del = False

End Sub

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

TextBox1.Clear()

oprloop = False

addloop = False

subtloop = False

mulloop = False

divloop = False

add\_aft\_subt = False

add\_aft\_mul = False

add\_aft\_div = False

subt\_aft\_add = False

subt\_aft\_mul = False

subt\_aft\_div = False

mul\_aft\_add = False

mul\_aft\_subt = False

mul\_aft\_div = False

div\_aft\_add = False

div\_aft\_subt = False

div\_aft\_mul = False

End Sub

Private Sub Button17\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button17.Click

result = True

Select Case opr

Case "+"

If addloop Then

opr2 = Val(TextBox2.Text)

answer = answer + opr2

TextBox2.Text = answer

ElseIf addloop = False Then

opr2 = 0

answer = opr1 + opr2

TextBox2.Text = answer

End If

add = True

oprloop = True

TextBox1.Text = TextBox1.Text

opr = "+"

addloop = True

Case "-"

If subtloop Then

opr2 = Val(TextBox2.Text)

answer = answer - opr2

TextBox2.Text = answer

ElseIf subtloop = False Then

opr2 = 0

answer = opr1 - opr2

TextBox2.Text = answer

End If

subt = True

oprloop = True

TextBox1.Text = TextBox1.Text

opr = "-"

subtloop = True

Case "\*"

If mulloop Then

opr2 = Val(TextBox2.Text)

answer = answer \* opr2

TextBox2.Text = answer

ElseIf mulloop = False Then

TextBox2.Text = opr1

answer = opr1

End If

mul = True

oprloop = True

TextBox1.Text = TextBox1.Text

opr = "\*"

mulloop = True

Case "/"

If divloop Then

opr2 = Val(TextBox2.Text)

answer = answer / opr2

TextBox2.Text = answer

ElseIf divloop = False Then

TextBox2.Text = opr1

answer = opr1

End If

div = True

oprloop = True

TextBox1.Text = TextBox1.Text

opr = "/"

divloop = True

End Select

End Sub

Private Sub TextBox2\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)

End Sub

Private Sub RichTextBox1\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)

End Sub

Private Sub Button13\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button13.Click

TextBox1.Clear()

TextBox2.Clear()

opr1 = 0

opr2 = 0

oprloop = False

answer = 0

End Sub

Private Sub Button12\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button12.Click

If del = False Then

'del\_opr1 = TextBox1.Text

'del\_opr2 = TextBox2.Text

'len1 = Strings.Len(del\_opr1)

'len2 = Strings.Len(del\_opr2)

del = True

len1 = TextBox1.Text.Length

len2 = TextBox2.Text.Length

Else

len1 = TextBox1.Text.Length - 1

'Strings.Len(del\_opr1) = len1

'TextBox1.Text.Length(len1)

End If

End Sub

End Class