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1
2 'Logan Garcia
3 'RCT0265
4 'Math Contest
5
6 Option Explicit On
7 Option Strict On
8
9 Public Class Form1
10
11     Public Number1 As Integer
12     Public Number2 As Integer
13     Public Operation As String
14     Public CorrectAnswer As Integer
15     Public ChildAnswer As Integer
16     Public FilledOut As Boolean
17
18
19     'This function is used to find the correct answer set by the teacher
20     Sub OperationSelect()
21
22         If AddButton.Checked = True Then
23             CorrectAnswer = CInt(Int(FirstNumberTextbox.Text)) + CInt(Int(SecondNumberTextbox.Text))
24             FormFilledOut()
25         ElseIf SubtractButton.Checked = True Then
26             CorrectAnswer = CInt(Int(FirstNumberTextbox.Text)) - CInt(Int(SecondNumberTextbox.Text))
27             FormFilledOut()
28         ElseIf MultiplyButton.Checked = True Then
29             CorrectAnswer = CInt(Int(FirstNumberTextbox.Text)) * CInt(Int(SecondNumberTextbox.Text))
30             FormFilledOut()
31         ElseIf DivideButton.Checked = True Then
32             CorrectAnswer = CInt(Int(FirstNumberTextbox.Text)) \ CInt(Int(SecondNumberTextbox.Text))
33             FormFilledOut()
34         Else
35             MsgBox("Please Choose An Operator")
36
37         End If
38
39     End Sub
40
41     Sub FormFilledOut()
42         If NameTextbox.Text = "" Then
43             MsgBox("Please Fill In The Info")
44             FilledOut = False
45         ElseIf GradeTextbox.Text = "" Then
46             MsgBox("Please Fill In The Info")
47             FilledOut = False
48         ElseIf AgeTextbox.Text = "" Then
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49         MsgBox("Please Fill In The Info")
50         FilledOut = False
51     ElseIf StudentAnswerTextbox.Text = "" Then
52         MsgBox("Please Fill In The Info")
53         FilledOut = False
54     ElseIf FirstNumberTextbox.Text = "" Then
55         MsgBox("Please Fill In The Info")
56         FilledOut = False
57     ElseIf SecondNumberTextbox.Text = "" Then
58         MsgBox("Please Fill In The Info")
59         FilledOut = False
60     Else
61         FilledOut = True
62         notice()
63     End If
64 End Sub
65
66
67
68 Sub notice()
69     If ChildAnswer = CorrectAnswer Then
70         MsgBox("Correct! The answer is " & CorrectAnswer & "!")
71     ElseIf ChildAnswer <> CorrectAnswer Then
72         MsgBox("Incorrect, the correct answer is " & CorrectAnswer & "!")
73     End If
74 End Sub
75
76 Private Sub SubmitButton_Click(sender As Object, e As EventArgs) Handles  SubmitButton.Click
77     OperationSelect()
78 End Sub
79 End Class
80
81
```