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1 'Nathan Carlson
2 'RCET0265
3 'asg3-6
4 'Shipping Calculator
5 'https://github.com/carlnathF19/NDC-VS-F19/tree/master/assignments/ASG3-6
6
7 Option Strict On
8 Option Explicit On
9
10 Public Class Form1
11     Dim weightLbs As Integer
12     Dim weightOzs As Integer
13     Dim totalWeightInOz As Integer
14     Dim shippingCost As Double
15     Dim idCode As String
16     Dim errorMessage As String
17
18     'Reads in the data, checks to see if the data meets the textbox
19     'requirements, and concatenates a message
20     'if there are any errors. Then checks the errorMessage, and if it is empty
21     'runs the calculation.
22     'If the errorMessage has content, it shows a messagebox with the data that
23     'needs to be replaced,
24     'and moves focus to the topmost box in the tab order.
25 Private Sub CalculateButton_Click(sender As Object, e As EventArgs) Handles
26     calculateButton.Click
27     Static shippingRate As Double
28     idCode = shippingIdTextBox.Text
29     totalWeightInOz = 0
30     errorMessage = ""
31     shippingRate = 0.12
32     Try
33         weightOzs = Integer.Parse(ozTextBox.Text)
34     Catch ex As Exception
35         errorMessage = "Please enter a whole number in the ozs box" &
36             vbNewLine & errorMessage
37         ozTextBox.Select()
38     End Try
39
40     Try
41         weightLbs = Integer.Parse(lbsTextBox.Text)
42     Catch ex As Exception
43         errorMessage = "Please enter a whole number in the lbs box" &
44             vbNewLine & errorMessage
45         lbsTextBox.Select()
46     End Try
47
48     If errorMessage = "" Then
49         totalWeightInOz = weightLbs * 16 + weightOzs
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44         shippingCost = totalWeightInOz * shippingRate
45         shippingCostTextBox.Text = shippingCost.ToString("C")
46     End If
47
48     If errorMessage <> "" Then
49         MessageBox.Show(errorMessage)
50     End If
51
52 End Sub
53
54 Private Sub ExitButton_Click(sender As Object, e As EventArgs) Handles ExitButton.Click
55     exitButton.Click
56     Me.Close()
57 End Sub
58
59 Private Sub ClearButton_Click(sender As Object, e As EventArgs) Handles ClearButton.Click
60     clearButton.Click
61     weightLbs = 0
62     weightOzs = 0
63     totalWeightInOz = 0
64     shippingCost = 0
65     idCode = ""
66     errorMessage = ""
67     lbsTextBox.Text = ""
68     ozTextBox.Text = ""
69     shippingIdTextBox.Text = ""
70     shippingCostTextBox.Text = ""
71 End Sub
72
73 End Class
```