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1
2 'Tyson Kriner
3 'RCET0265
4 'asg3-6
5 'ShippingCostCalculatorForm
6 'https://github.com/krintyso/TK-VS-F19
7 Public Class ShippingCostCalculatorForm
8
9     Const SHIPPING_RATE_Decimal As Decimal = 0.12 'Sets the shipping rate as a
        constant
10
11     Private Sub CalculateButto_Click(sender As Object, e As EventArgs) Handles
        CalculateButton.Click
12         Dim TotalWeight As Decimal
13         Dim Weightinlb As Decimal
14         Dim ShippingCharge As Decimal
15         Dim LbToOz As Decimal
16         Dim Oz As Decimal
17         Dim Mycheck1 As Integer
18         Dim Mycheck2 As Integer
19
20
21
22
23
24         Try
25             Weightinlb = (Decimal.Parse(lbTextbox.Text)) 'Converts
                lbtextbox.text to a decimal
26             LbToOz = (Weightinlb * 16) 'converts lbs to oz
27             Oz = Decimal.Parse(Oztextbox.Text) 'converts oztextbox.text to
                decimal
28             Mycheck1 = VarType(Weightinlb) 'Check data type of Weigtinlb
29             Mycheck2 = VarType(Oz) 'Checks data type of oz
30             TotalWeight = LbToOz + Oz
31
32             ShippingCharge = (TotalWeight * SHIPPING_RATE_Decimal) 'Calculates
                the shipping charge
33             ShippingChargeTextBox.Text = ShippingCharge.ToString("C") 'Displays
                shipping charge as a currency
34
35             Console.WriteLine(VarType(Weightinlb))
36         Catch theException As FormatException 'catches invalid data types
37             MessageBox.Show("Please enter Numeric Value", "Invalid Data Type",
                MessageBoxButtons.OK) 'Displays error message
38
39         If Mycheck1 <> 14 Or Mycheck1 <> 2 Then 'Checks if weightinlb is
                correct data type, if not lbtextbox is highlighted
40             lbTextbox.Focus()
41             lbTextbox.SelectAll()

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42         End If
43
44         If Mycheck2 <> 14 Or Mycheck2 <> 2 Then 'Checks if oz is correct
45             data type, if not oztextbox is highlighted
46             Oztextbox.Focus()
47             Oztextbox.SelectAll()
48         End If
49     End Try
50 End Sub
51
52 Private Sub ClearButton_Click(sender As Object, e As EventArgs) Handles
53     ClearButton.Click 'Clears data in textboxes
54     IDTextBox.Text = ""
55     lbTextbox.Text = ""
56     Oztextbox.Text = ""
57     ShippingChargeTextBox.Text = ""
58 End Sub
59
60 Private Sub ExitButton_Click(sender As Object, e As EventArgs) Handles
61     ExitButton.Click 'closes program
62     Me.Close()
63 End Sub
64
65
66
67 End Class
68
```