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