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1 'Dane Davids
2 'RCET0265
3 'Asg3-3_InventoryCalculator
4 'https://github.com/davidane/DRD-VS-F19/tree/master/Assignments/Asg3-3 _
5 '_InventoryCalculator/ Asg3 - 3_InventoryCalculator
6
7 Option Strict On
8 Option Explicit On
9
10 Public Class InventoryCalculatorForm
11
12     Private Sub CalculateBtn_Click(sender As Object, e As EventArgs) Handles _
13         CalculateBtn.Click
14         Dim beginningInventory As Decimal
15         Dim endingInventory As Decimal
16         Dim costOfGoods As Double
17         Dim averageInventory As Decimal
18         Dim turnOver As Double
19         Dim errorMessage As String = ""
20         'dims all variables without a value -except for errorMessage- decimal _
21         'For accuracy And double for currency conversion.
22
23
24         Try
25             costOfGoods = CDb1(CostofGoodsTextBox.Text)
26         Catch formatEx As System.InvalidCastException
27             errorMessage = errorMessage & "Please enter a decimal value into" _
28                 & " the cost of goods box; example: 1234.56..." & vbNewLine
29             CostofGoodsTextBox.Clear()
30             CostofGoodsTextBox.Select()
31
32         Catch anyex As Exception
33             errorMessage = errorMessage & "Something unexpected happened..." _
34                 & vbNewLine
35         End Try 'try and catch looks for invalid casts and any other _
36         'exceptions that are unknown; debugging console helped _
37         'determine the invalid cast portion of the catch.
38         Try
39             endingInventory = CDec(EndingInvTextBox.Text)
40         Catch formatEx As System.InvalidCastException
41             errorMessage = errorMessage & "Please enter a decimal value into" _
42                 & " the ending inventory box; example: 1234.56..." & vbNewLine
43             EndingInvTextBox.Clear()
44             EndingInvTextBox.Select()
45         Catch anyex As Exception
46             errorMessage = errorMessage & "Something unexpected happened..." _
47                 & vbNewLine
48         End Try 'try and catch looks for invalid casts and any other _
49         'exceptions that are unknown; debugging console helped determine _
50         'the invalid cast portion of the catch.
51         Try
52             beginningInventory = CDec(BeginningInvTextBox.Text)
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53     Catch formatEx As System.InvalidCastException
54         errorMessage = errorMessage & "Please enter a decimal value into" _
55             & " the beginning inventory box; example: 1234.56..." & vbNewLine
56         BeginningInvTextBox.Clear()
57         BeginningInvTextBox.Select()
58     Catch anyex As Exception
59         errorMessage = errorMessage & "Something unexpected happened..." _
60             & vbNewLine
61 End Try 'try and catch looks for invalid casts and any other _
62 'exceptions that are unknown; debugging console helped determine _
63 'the invalid cast portion of the catch.
64
65 If errorMessage <> "" Then
66     MessageBox.Show(errorMessage, "We have a problem")
67 Else
68     averageInventory = ((beginningInventory + endingInventory) / 2)
69     turnOver = (costOfGoods / averageInventory)
70     AverageInvTextBox.Text = FormatCurrency(CStr(averageInventory))
71     TurnoverTextBox.Text = FormatCurrency(CStr(turnOver))
72 End If 'if/then statement determines whether to show the error- _
73 'message box Or continue solving the math
74
75 End Sub
76
77
78
79 Private Sub ClearBtn_Click(sender As Object, e As EventArgs) Handles _
80     ClearBtn.Click
81     BeginningInvTextBox.Text = ""
82     EndingInvTextBox.Text = ""
83     CostofGoodsTextBox.Text = ""
84     AverageInvTextBox.Text = ""
85     TurnoverTextBox.Text = ""
86 End Sub
87
88 Private Sub ExitBtn_Click(sender As Object, e As EventArgs) Handles _
89     ExitBtn.Click
90     Me.Close()
91 End Sub
92
93 End Class
94
```