```vb
 1  'Tyler Lish
 2  'RCET0265
 3  'asg4-6
 4  'Rental Form
 5  'https://github.com/lishtyl2/TL-VS-F19/tree/master/Assignments
 6
 7  Option Strict On
 8  Option Explicit On
 9  Public Class rentalForm
10      Dim cost As Double = 0
11      Dim miles As Double
12      Dim milesTotal As Double
13      Dim milesCharge As Double
14      Dim days As Integer
15      Dim daysTotal As Double
16      Dim daysCharge As Double
17      Dim discounts As Double
18      Dim amountDue As Double
19      Dim customers As Double
20      Dim validateValues As Boolean
21      Private Sub ExitButton_Click(sender As Object, e As EventArgs) Handles      ⏎
          exitButton.Click
22          If MessageBox.Show("Do you want to exit?", "Exit?",                     ⏎
              MessageBoxButtons.YesNo) _
23              = Windows.Forms.DialogResult.Yes Then
24              Me.Close()
25          End If
26      End Sub
27      Private Sub ClearButton_Click(sender As Object, e As EventArgs) Handles     ⏎
          clearButton.Click
28          ClearAllFields()
29      End Sub
30      Private Sub ClearTextBoxes()
31          nameTextBox.Clear()
32          addressTextBox.Clear()
33          cityTextBox.Clear()
34          stateTextBox.Clear()
35          zipCodeTextBox.Clear()
36          beginOdometerTextBox.Clear()
37          endOdometerTextBox.Clear()
38          daysTextBox.Clear()
39      End Sub
40      Private Sub ClearAllFields()
41          nameTextBox.Clear()
42          addressTextBox.Clear()
43          cityTextBox.Clear()
44          stateTextBox.Clear()
45          zipCodeTextBox.Clear()
46          beginOdometerTextBox.Clear()
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47              endOdometerTextBox.Clear()
48              daysTextBox.Clear()
49              clearSelected()
50          End Sub
51          Private Sub checkForDiscounts()
52              Dim discountMultiplier As Double = 0
53              Dim howMuchDiscount As Double = 0
54              If aaaCheckBox.Checked Then
55                  discountMultiplier += 0.05
56              End If
57              If seniorCheckBox.Checked Then
58                  discountMultiplier += 0.03
59              End If
60              howMuchDiscount = discountMultiplier * cost
61              discounts += howMuchDiscount
62              discountLabel.Text = howMuchDiscount.ToString( "C")
63              cost = (1 - discountMultiplier) * cost
64          End Sub
65          Private Sub CheckTextBoxes()
66              Dim popUp As String
67              Dim validateZipCode As Boolean = True
68              popUp = ""
69              validateValues = False
70              Try
71                  days = Integer.Parse(daysTextBox.Text)
72                  If days > 45 Or days < 1 Then
73                      MessageBox.Show("Please enter a valid number of days, 0-45")
74                      ClearTextBoxes()
75                      daysTextBox.Select()
76                  End If
77              Catch ex As Exception
78              End Try
79              Try
80                  miles = Double.Parse(endOdometerTextBox.Text) - Double.Parse
                        (beginOdometerTextBox.Text)
81              Catch ex As Exception
82                  MessageBox.Show("Please enter valid odometer values")
83                  beginOdometerTextBox.Select()
84              End Try
85              Try
86                  Integer.Parse(zipCodeTextBox.Text)
87              Catch ex As Exception
88                  validateZipCode = False
89              End Try
90              If zipCodeTextBox.Text.Length() <> 5 Or validateZipCode = False Then
91                  popUp = "Please enter the correct zip code." & vbNewLine & popUp
92                  zipCodeTextBox.Select()
93              End If
94              If stateTextBox.Text.Length() < 2 Then
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 95                popUp = "Please enter the state abbreviation."
 96                stateTextBox.Select()
 97            End If
 98            If cityTextBox.Text.Length() = 0 Then
 99                popUp = "Please enter your city." & vbNewLine & popUp
100                cityTextBox.Select()
101            End If
102            If addressTextBox.Text.Length() = 0 Then
103                popUp = "Please enter the address." & vbNewLine & popUp
104                addressTextBox.Select()
105            End If
106            If nameTextBox.Text.Length() = 0 Then
107                popUp = "Please enter the customer name." & vbNewLine & popUp
108                nameTextBox.Select()
109            End If
110            If popUp <> "" Then
111                MessageBox.Show(popUp)
112            Else validateValues = True
113            End If
114        End Sub
115        Private Sub calculateButton_Click(sender As Object, e As EventArgs) Handles ⏎
               calculateButton.Click
116            Dim chargeForDays As Integer
117            Dim costLocal As Double
118            CheckTextBoxes()
119            If validateValues Then
120                If miles > 0 Then
121                Else
122                    MessageBox.Show("Please enter a valid odometer reading, ending ⏎
                          odometer reading must be greater than the beginning        ⏎
                          reading.")
123                    beginOdometerTextBox.Select()
124                End If
125                If kilometersRadioButton.Checked = True Then
126                    miles *= 0.62
127                End If
128                milesDrivenLabel.Text = Convert.ToString(miles)
129                milesTotal += miles
130                If miles >= 201 And miles <= 500 Then
131                    cost = (miles - 200) * 0.12
132                ElseIf miles > 500 Then
133                    cost = (miles - 500) * 0.1 + (300 * 0.12)
134                End If
135                milesCharge += cost
136                mileChargeLabel.Text = cost.ToString("C")
137                chargeForDays = days * 15
138                daysTotal += days
139                daysCharge += chargeForDays
140                costLocal = cost + chargeForDays
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141                  cost = costLocal
142                  dayChargeLabel.Text = chargeForDays.ToString("C")
143                  checkForDiscounts()
144                  amountDue += cost
145                  customers += 1
146                  youOweLabel.Text = cost.ToString("C")
147            End If
148            calculateSelected()
149            nameTextBox.Clear()
150            addressTextBox.Clear()
151            cityTextBox.Clear()
152            stateTextBox.Clear()
153            zipCodeTextBox.Clear()
154            beginOdometerTextBox.Clear()
155            endOdometerTextBox.Clear()
156            daysTextBox.Clear()
157        End Sub
158        Private Sub summaryButton_Click(sender As Object, e As EventArgs) Handles  ⮡
             summaryButton.Click
159            Dim summaryTotal As String
160            summaryTotal = "Distance Driven = " & milesTotal & vbNewLine &
161                "Mileage Charge = " & milesCharge.ToString("C") & vbNewLine &
162                "Total Days Rented = " & daysTotal & vbNewLine &
163                "Total Day Charge = " & daysCharge.ToString("C") & vbNewLine &
164                "Total Discounts = " & discounts.ToString("C") & vbNewLine &
165                "Total Paid = " & amountDue.ToString("C") & vbNewLine &
166                "Customers = " & customers
167            MessageBox.Show(summaryTotal)
168        End Sub
169        Private Sub clearSelected()
170            milesDrivenLabel.ForeColor = Color.Black
171            mileChargeLabel.ForeColor = Color.Black
172            dayChargeLabel.ForeColor = Color.Black
173            discountLabel.ForeColor = Color.Black
174            youOweLabel.ForeColor = Color.Black
175        End Sub
176        Private Sub calculateSelected()
177            milesDrivenLabel.ForeColor = Color.White
178            mileChargeLabel.ForeColor = Color.White
179            dayChargeLabel.ForeColor = Color.White
180            discountLabel.ForeColor = Color.White
181            youOweLabel.ForeColor = Color.White
182        End Sub
183  End Class
184
```