```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
11     Dim cost As Double = 0
12     Dim miles As Double
13     Dim milesTotal As Double
14     Dim milesCharge As Double
15     Dim days As Integer
16     Dim daysTotal As Double
17     Dim daysCharge As Double
18     Dim discounts As Double
19     Dim amountDue As Double
20     Dim customers As Double
21     Dim validateValues As Boolean
22     Private Sub ExitButton_Click(sender As Object, e As EventArgs) Handles     ⮑
         exitButton.Click
23         If MessageBox.Show("Do you want to exit?", "Exit?",                    ⮑
            MessageBoxButtons.YesNo) _
24             = Windows.Forms.DialogResult.Yes Then
25             Me.Close()
26         End If
27     End Sub
28     Private Sub ClearButton_Click(sender As Object, e As EventArgs) Handles    ⮑
         clearButton.Click
29         ClearAllFields()
30     End Sub
31     Private Sub ClearAllFields()
32         nameTextBox.Clear()
33         addressTextBox.Clear()
34         cityTextBox.Clear()
35         stateTextBox.Clear()
36         zipCodeTextBox.Clear()
37         beginOdometerTextBox.Clear()
38         endOdometerTextBox.Clear()
39         daysTextBox.Clear()
40         clearSelected()
41     End Sub
42     Private Sub checkForDiscounts()
43         Dim discountMultiplier As Double = 0
44         Dim howMuchDiscount As Double = 0
45
46         If aaaCheckBox.Checked Then
```

```vb
47                    discountMultiplier += 0.05
48                End If
49                If seniorCheckBox.Checked Then
50                    discountMultiplier += 0.03
51                End If
52                howMuchDiscount = discountMultiplier * cost
53                discounts += howMuchDiscount
54                discountLabel.Text = howMuchDiscount.ToString("C")
55                cost = (1 - discountMultiplier) * cost
56
57        End Sub
58        Private Sub CheckTextBoxes()
59            Dim popUp As String
60            Dim validateZipCode As Boolean = True
61
62            popUp = ""
63            validateValues = False
64            Try
65                days = Integer.Parse(daysTextBox.Text)
66                If days > 45 Or days < 1 Then
67                    MessageBox.Show("Please enter a valid number of days, 0-45")
68                    daysTextBox.Select()
69                End If
70            Catch ex As Exception
71            End Try
72            Try
73                miles = Double.Parse(endOdometerTextBox.Text) - Double.Parse          ⏎
                    (beginOdometerTextBox.Text)
74            Catch ex As Exception
75                MessageBox.Show("Please enter valid odometer values")
76                beginOdometerTextBox.Select()
77            End Try
78
79            Try
80                Integer.Parse(zipCodeTextBox.Text)
81            Catch ex As Exception
82                validateZipCode = False
83            End Try
84
85            If zipCodeTextBox.Text.Length() <> 5 Or validateZipCode = False Then
86                popUp = "Please enter the correct zip code." & vbNewLine & popUp
87                zipCodeTextBox.Select()
88            End If
89
90            If stateTextBox.Text.Length() < 2 Then
91                popUp = "Please enter the state abbreviation."
92                stateTextBox.Select()
93            End If
94
```

```vb
 95            If cityTextBox.Text.Length() = 0 Then
 96                popUp = "Please enter your city." & vbNewLine & popUp
 97                cityTextBox.Select()
 98            End If
 99
100            If addressTextBox.Text.Length() = 0 Then
101                popUp = "Please enter the address." & vbNewLine & popUp
102                addressTextBox.Select()
103            End If
104
105            If nameTextBox.Text.Length() = 0 Then
106                popUp = "Please enter the customer name." & vbNewLine & popUp
107                nameTextBox.Select()
108            End If
109
110            If popUp <> "" Then
111                MessageBox.Show(popUp)
112            Else validateValues = True
113
114            End If
115        End Sub
116
117        Private Sub calculateButton_Click(sender As Object, e As EventArgs) Handles ⮠
               calculateButton.Click
118            Dim chargeForDays As Integer
119            Dim costLocal As Double
120            CheckTextBoxes()
121
122            If validateValues Then
123                If miles > 0 Then
124
125                Else
126                    MessageBox.Show("Please enter a valid odometer reading, ending ⮠
                         odometer reading must be greater than the beginning ⮠
                         reading.")
127                    beginOdometerTextBox.Select()
128                End If
129                If kilometersRadioButton.Checked = True Then
130                    miles *= 0.62
131                End If
132
133                milesDrivenLabel.Text = Convert.ToString(miles)
134                milesTotal += miles
135
136                If miles >= 201 And miles <= 500 Then
137                    cost = (miles - 200) * 0.12
138                ElseIf miles > 500 Then
139                    cost = (miles - 500) * 0.1 + (300 * 0.12)
140                End If
```

```vb
141
142             milesCharge += cost
143             mileChargeLabel.Text = cost.ToString( "C")
144             chargeForDays = days * 15
145             daysTotal += days
146             daysCharge += chargeForDays
147             costLocal = cost + chargeForDays
148             cost = costLocal
149             dayChargeLabel.Text = chargeForDays.ToString( "C")
150             checkForDiscounts()
151             amountDue += cost
152             customers += 1
153             youOweLabel.Text = cost.ToString( "C")
154         End If
155         calculateSelected()
156     End Sub
157
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
```