```vb
1  'Tyler Hattan
2  'Project: Update 5-1 to 6-1
3  '9/8/2020
4  'Calculates Invoice Total
5
6  'Using Select Case seems to be easier to read since it breaks it into sections.  ⮡
     The switch statement in Java and C# does not use "End Select"
7
8  Public Class frmInvoiceTotal
9
10     Private Sub btnCalculate_Click(sender As Object,
11             e As EventArgs) Handles btnCalculate.Click
12
13         Dim subtotal As Decimal = CDec(txtSubtotal.Text)
14         Dim discountPercent As Decimal
15         Dim customerType As String = txtCustomerType.Text.ToUpper()
16
17         discountPercent = DiscountPct(subtotal, discountPercent, customerType)
18
19         Dim discountAmount As Decimal = subtotal * discountPercent
20         Dim invoiceTotal As Decimal = subtotal - discountAmount
21
22         txtDiscountPercent.Text = FormatPercent(discountPercent, 1)
23         txtDiscountAmount.Text = FormatCurrency(discountAmount)
24         txtTotal.Text = FormatCurrency(invoiceTotal)
25
26         txtCustomerType.Select()
27
28     End Sub
29
30     Private Shared Function DiscountPct(subtotal As Decimal, discountPercent As  ⮡
           Decimal, customerType As String) As Decimal
31         Select Case customerType
32             Case "R"
33                 If subtotal < 100 Then
34                     discountPercent = 0
35                 ElseIf subtotal >= 100 AndAlso subtotal < 250 Then
36                     discountPercent = 0.1D
37                 ElseIf subtotal >= 250 AndAlso subtotal < 500 Then
38                     discountPercent = 0.25D
39                 ElseIf subtotal >= 500 Then
40                     discountPercent = 0.3D
41                 End If
42
43             Case "C"
44                 discountPercent = 0.2D
45
46             Case "T"
47                 If subtotal < 500 Then
48                     discountPercent = 0.4D
49                 ElseIf subtotal >= 500 Then
50                     discountPercent = 0.5D
```

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51                End If
52
53
54            Case Else
55                discountPercent = 0.1D
56
57        End Select
58        Return discountPercent
59    End Function
60
61    Private Sub ClearAllBoxes(sender As Object, e As EventArgs) Handles        ₽
        txtCustomerType.TextChanged, txtSubtotal.TextChanged
62        txtDiscountAmount.Text = ""
63        txtDiscountPercent.Text = ""
64        txtTotal.Text = ""
65    End Sub
66
67    Private Sub btnExit_Click(sender As Object,
68            e As EventArgs) Handles btnExit.Click
69        Me.Close()
70    End Sub
71
72 End Class
```