

```
1  'Sudent: Juan Carlos Flores Palacios
2  'Purpose: This program calculates a the values for a student
3  'according to the number of classes taken
4  'Calculates tuition and other fees showing a grand total
5
6
7  Public Class frmTuition
8      'Declaration section
9
10     Dim decHealthFee As Decimal = 19D
11     Dim decCostxunit As Decimal = 46D
12     Dim decSubchargePercentage As Decimal = 0.05D
13     Dim decUnitxclass As Int32 = 3
14     Dim decTuition As Decimal
15     Dim decSubcharge As Decimal
16     Dim decTotal As Decimal
17     Dim decInput As Int32
18
19
20     Private Sub btnCalculate_Click(sender As Object, e As EventArgs) Handles btnCalculate.Click
21         'this event handler is executed when user clicks the Calculate button
22         'It sets and shows all the values and results
23
24         If IsNumeric(txtInput.Text) Then
25             decInput = Convert.ToInt32(txtInput.Text)
26             If decInput > 0 Then
27                 lblTotalClasses.Text = txtInput.Text
28                 lblTotalUnits.Text = Convert.ToDecimal(txtInput.Text) * decUnitxclass
29                 decTuition = Convert.ToDecimal(lblTotalUnits.Text) * decCostxunit
30                 lblTuition.Text = decTuition.ToString("C")
31                 lblHealthFee.Text = decHealthFee.ToString("C")
32                 decSubcharge = decSubchargePercentage * (decTuition + decHealthFee)
33                 lblSubcharge.Text = decSubcharge.ToString("C")
34                 decTotal = decTuition + decHealthFee + decSubcharge
35                 lblGrandTotal.Text = decTotal.ToString("C")
36             ElseIf decInput = 0 Then
37                 MsgBox("Zero not accepted, Try again",, "Error Input")
38             Else
39                 MsgBox("Negative number not accepted, Try again",, "Error Input")
40             End If
41         Else
42             MsgBox("Blank or string not accepted, Try again",, "Error Input")
43         End If
44
45     End Sub
46
47     Private Sub btnClear_Click(sender As Object, e As EventArgs) Handles btnClear.Click
48         'This event handler is executed when user clicks the Clear button
```

```
49     'It sets labels to zero
50
51     lblTotalClasses.Text = 0.00
52     lblTotalUnits.Text = 0.00
53     lblTuition.Text = 0.00
54     lblHealthFee.Text = 0.00
55     lblSubcharge.Text = 0.00
56     lblGrandTotal.Text = 0.00
57     txtInput.Text = ""
58 End Sub
59 End Class
60
```