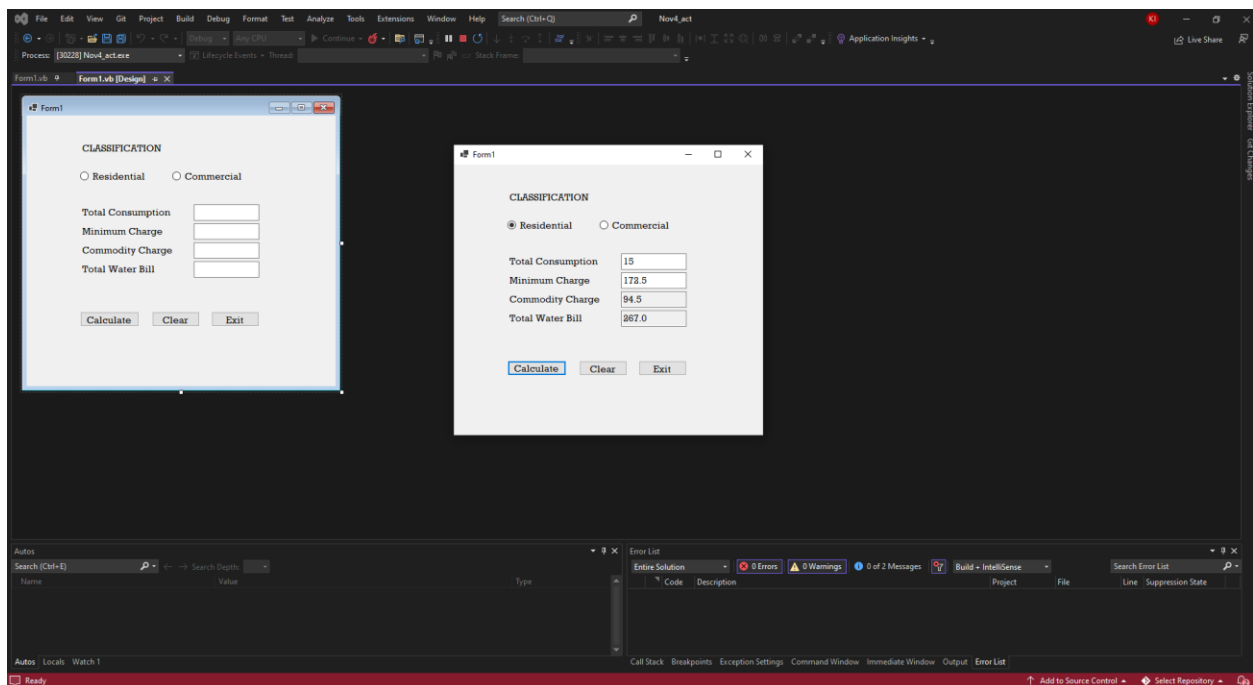
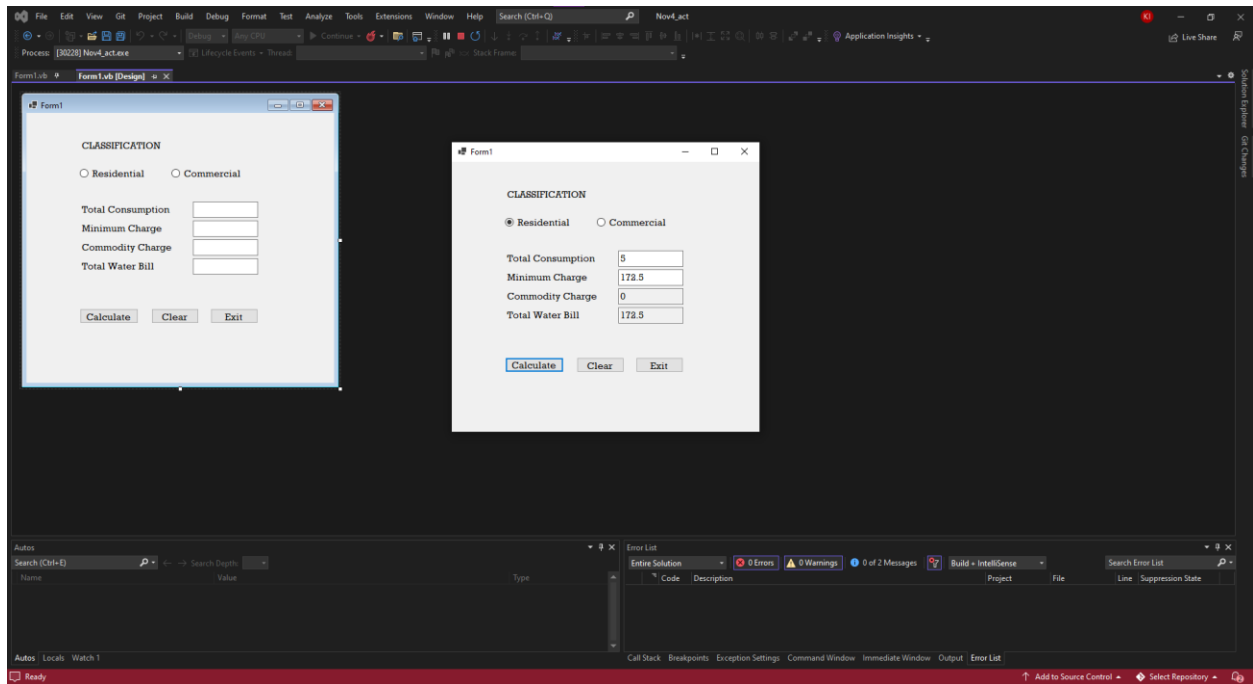


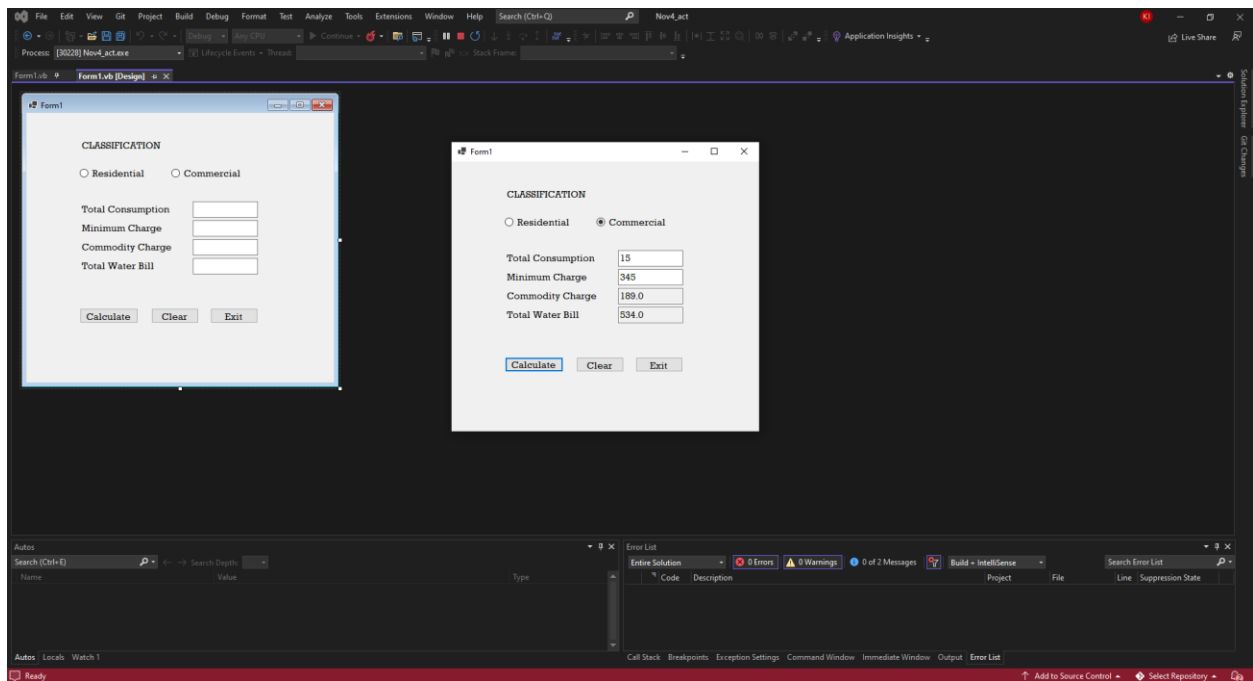
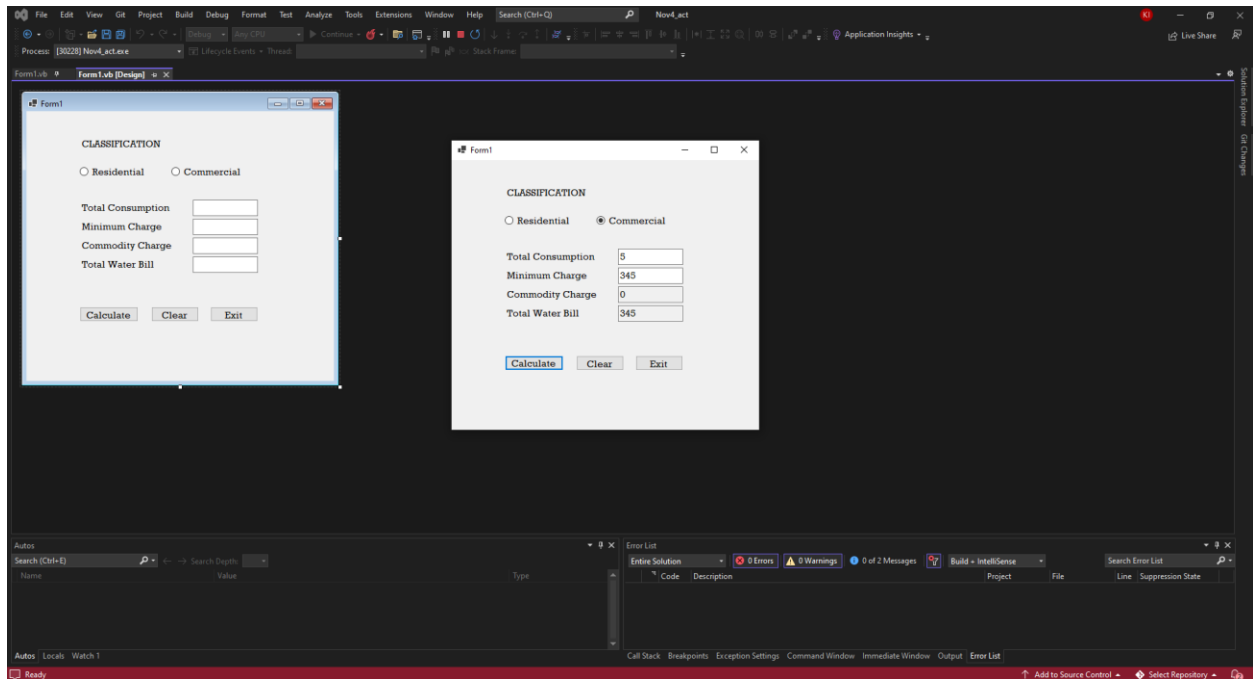
Ilao, Karl Reyven

BSIT 4A

Residential



Commercial



Source Code

```
Public Class Form1
    Function commodityCharge(ByRef val As Decimal, ByVal classification As String)
        As Decimal

        Dim charge_value As Decimal
        If val < 11 Then
            charge_value = 0
        ElseIf 11 <= val And val <= 20 Then
            charge_value = If((classification = "Residential"), 18.9, 37.8)
        ElseIf 21 <= val And val <= 30 Then
            charge_value = If((classification = "Residential"), 21.4, 42.8)
        ElseIf 31 <= val And val <= 40 Then
            charge_value = If((classification = "Residential"), 24.65, 49.3)
        Else
            charge_value = If((classification = "Residential"), 28.8, 57.6)
        End If
        Return charge_value
    End Function
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
        System.EventArgs) Handles Button1.Click

        Dim t_consumption As Decimal
        Try
            t_consumption = CDec(Textbox1.Text)
        Catch ex As Exception
            MsgBox("Please enter numeric values only")
            Return
        End Try

        Dim comm_charge, total_bill As Decimal
        If RadioButton1.Checked Then
            comm_charge = (t_consumption - 10) * commodityCharge(t_consumption,
"Residential")
            Textbox2.Text = If(String.IsNullOrEmpty(Textbox2.Text), 172.5,
Textbox2.Text)
        ElseIf RadioButton2.Checked Then
            comm_charge = (t_consumption - 10) * commodityCharge(t_consumption,
"Commercial")
            Textbox2.Text = If(String.IsNullOrEmpty(Textbox2.Text), 345.0,
Textbox2.Text)
        Else
            MsgBox("Please select one classification")
        End If

        Textbox3.Text = comm_charge
        total_bill = comm_charge + CDec(Textbox2.Text)
        TextBox4.Text = total_bill

        Textbox3.ReadOnly = True
        TextBox4.ReadOnly = True

    End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
    Textbox1.Clear()
    Textbox2.Clear()
    Textbox3.Clear()
    TextBox4.Clear()
End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button3.Click
    Application.Exit()
End Sub
End Class
```