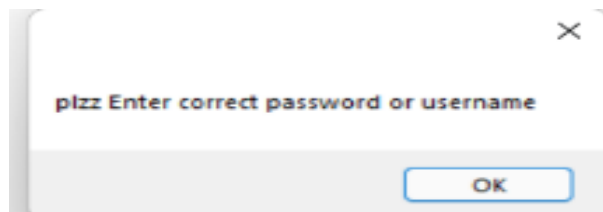
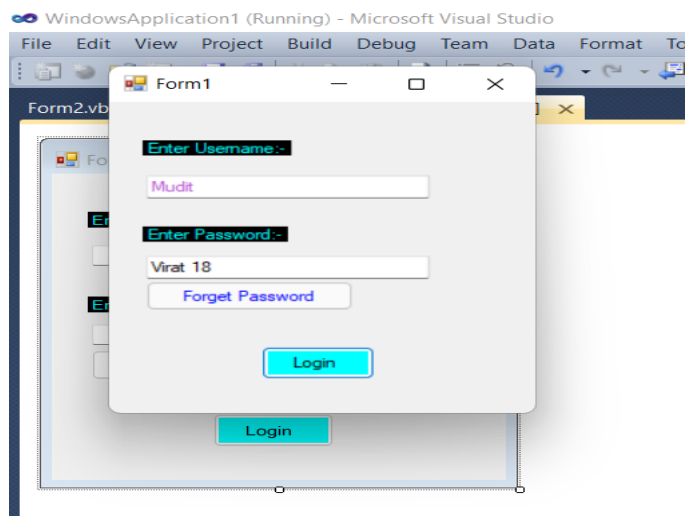
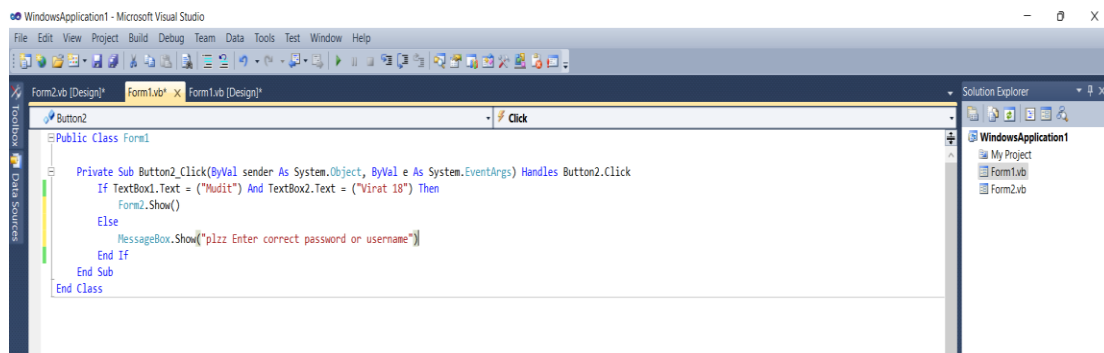


PRACTICAL-2

Introduction to Windows Common Controls

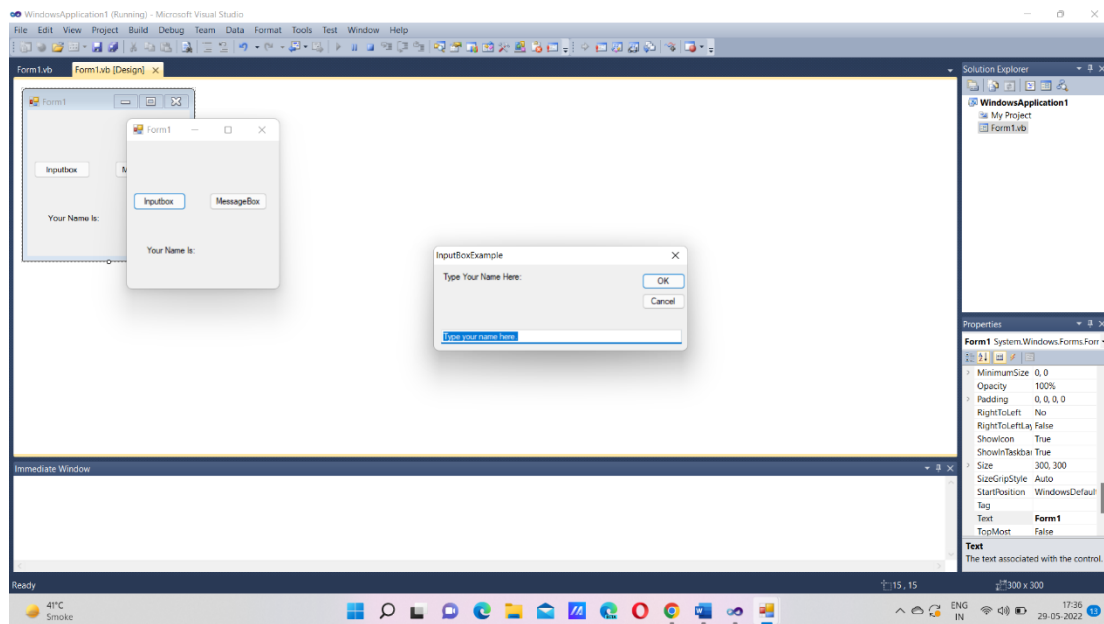
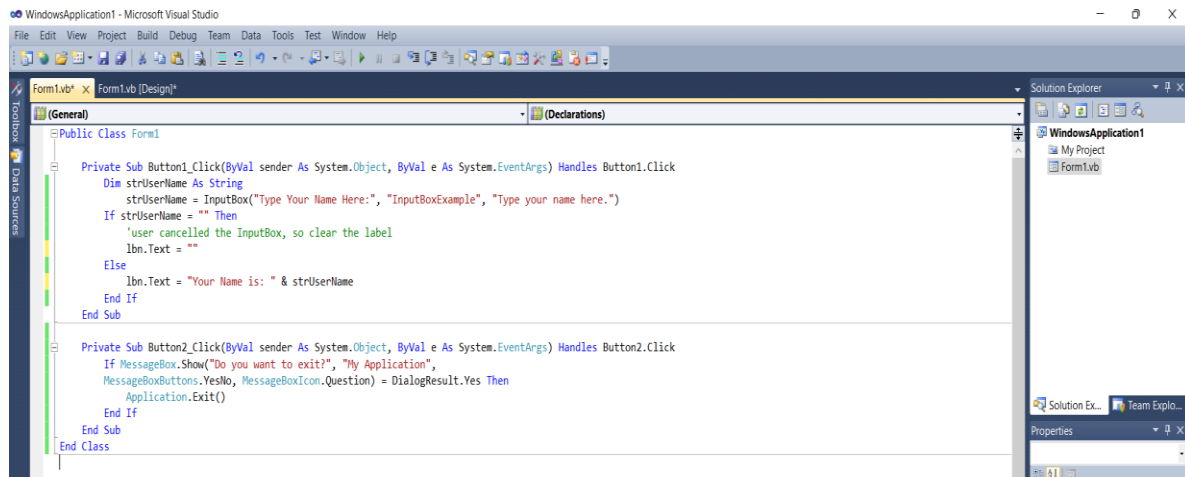
1} Design a Form and Write, Test, Debug its Properties, Methods and Events.

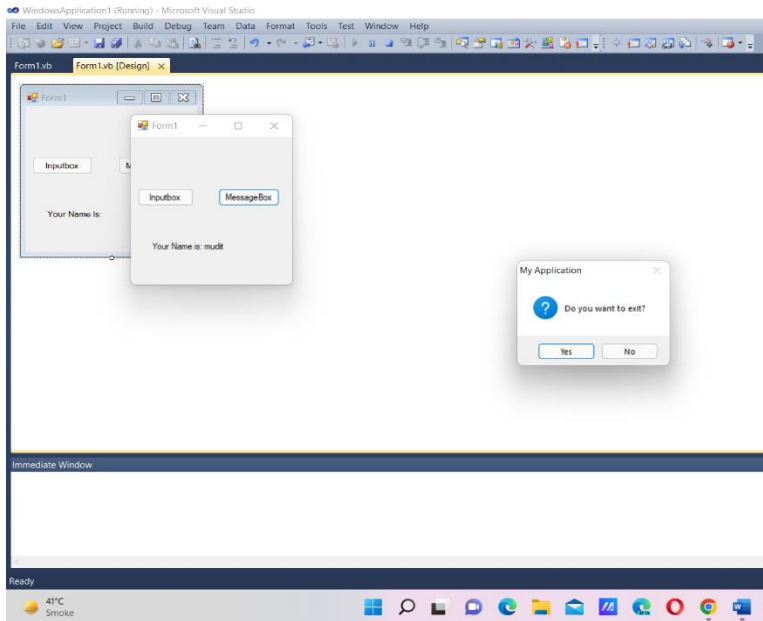
»solution



2) Write, Test and Debug Program to use following windows controls.

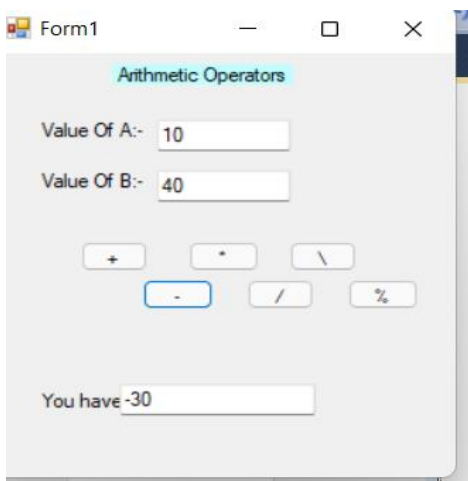
» solution





3)Write, Test and Debug applications to create Arithmetic Calculator using Text Box, Label and Button.

»solution



WindowsApplication1 - Microsoft Visual Studio

File Edit View Project Build Debug Data Tools Test Window Help

Form1.vb* x Form1.vb [Design]*

Button1

```

Private Sub Button5_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button5.Click
    Dim val1 As Integer
    Dim val2 As Integer
    Dim result As Integer
    val1 = TextBox1.Text
    val2 = TextBox2.Text
    result = val1 \ val2
    Label4.Text = "You have click \ button"
    TextBox3.Text = result
End Sub

Private Sub Button4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button4.Click
    Dim val1 As Integer
    Dim val2 As Integer
    Dim result As Integer
    val1 = TextBox1.Text
    val2 = TextBox2.Text
    result = val1 / val2
    Label4.Text = "You have click / button"
    TextBox3.Text = result
End Sub

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
    Dim val1 As Integer
    Dim val2 As Integer
    Dim result As Integer
    val1 = TextBox1.Text
    val2 = TextBox2.Text
    result = val1 + val2
    Label4.Text = "You have click + button"
    TextBox3.Text = result
End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
    Dim val1 As Integer
    Dim val2 As Integer
    Dim result As Integer
    val1 = TextBox1.Text
    val2 = TextBox2.Text
    result = val1 - val2
    Label4.Text = "You have click - button"
    TextBox3.Text = result
End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click
    Dim val1 As Integer
    Dim val2 As Integer
    Dim result As Integer
    val1 = TextBox1.Text
    val2 = TextBox2.Text
    result = val1 * val2
    Label4.Text = "You have click * button"
    TextBox3.Text = result
End Sub

Private Sub Button6_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button6.Click
    Dim val1 As Integer
    Dim val2 As Integer
    Dim result As Integer
    val1 = TextBox1.Text
    val2 = TextBox2.Text
    result = val1 % val2
    Label4.Text = "You have click % button"
    TextBox3.Text = result
End Sub
End Class

```

4) Write, Test and Debug applications to use following Windows Controls.

i) Check Box ii) Radio Button iii) NumericUpDown iv) Group Box.

»solution



The image shows three overlapping dialog boxes at the top, each with an 'OK' button. The first dialog box contains the text 'language=HindiEnglishGujrati'. The second dialog box contains the text 'age=18'. The third dialog box contains the text 'city=jamnagar'. Below these is a larger window titled 'Form1' with the heading 'STUDENT REGISTRATION'. This form contains the following fields and controls:

- First name: Text box with 'Mudit'
- Last name: Text box with 'Bhatt.'
- Gender: Radio button group with 'Male' (selected) and 'Female'.
- branch: Radio button group with 'Computer' (selected) and 'Chemical'.
- Language: Checkboxes for 'Hindi', 'English', and 'Gujrati', all of which are checked.
- Age: Spin box with the value '18'.
- City: Dropdown menu with 'jamnagar' selected.
- Buttons: 'Submit' and 'Cancel' at the bottom.