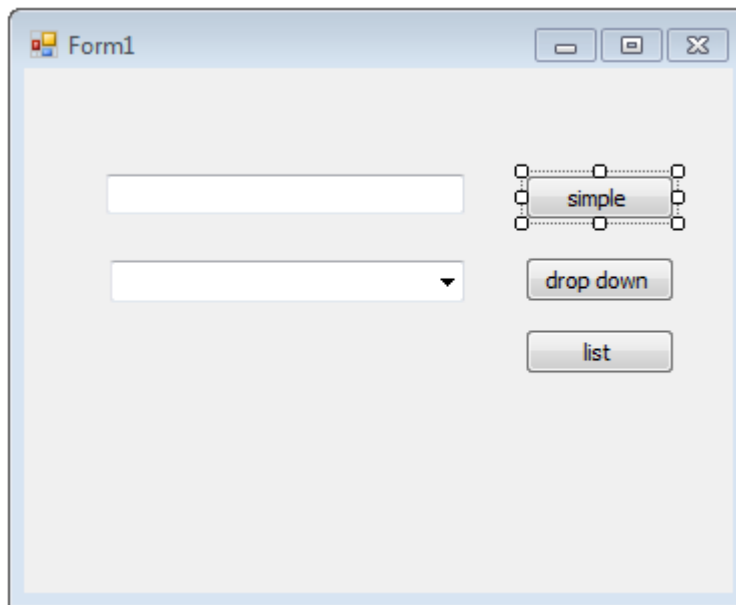


# Add a Combo Box to a VB form



```
Public Class Form1
```

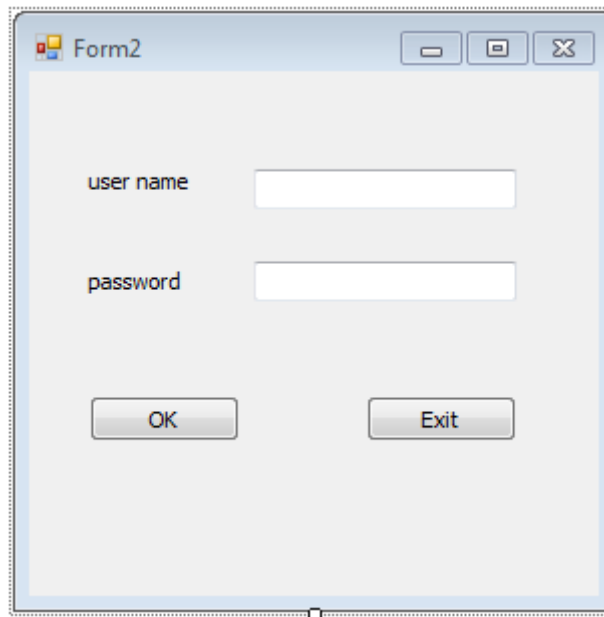
```
    Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles ComboBox1.SelectedIndexChanged  
        TextBox1.Text = ComboBox1.Text  
    End Sub
```

```
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button1.Click  
        ComboBox1.DropDownStyle = 0  
        ComboBox1.Height = 100  
  
    End Sub
```

```
    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button2.Click  
        ComboBox1.DropDownStyle = 1  
    End Sub
```

```
    Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button3.Click  
        ComboBox1.DropDownStyle = 2  
    End Sub  
End Class
```

# Conditional Logic - If Statements

A screenshot of a Windows application window titled "Form2". The window has a standard Windows title bar with minimize, maximize, and close buttons. Inside the window, there are two text input fields. The first is labeled "user name" and the second is labeled "password". Below these fields are two buttons: "OK" on the left and "Exit" on the right. The background of the window is light gray.

```
Public Class Form2
```

```
    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button2.Click  
        Application.Exit()  
    End Sub
```

```
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button1.Click  
        If TextBox1.Text = "ahmed" And TextBox2.Text = "password" Then  
            Form1.Show()  
        Else  
            MessageBox.Show("Your information is wrong")  
        End If  
    End Sub  
End Class
```

# Conditional Operators

>	Greater than
<	Less than
>=	Greater than or equal
<=	Less than or equal
<>	Not equal
And	Combine more than one logical operator
Or	Combine more than one logical operator

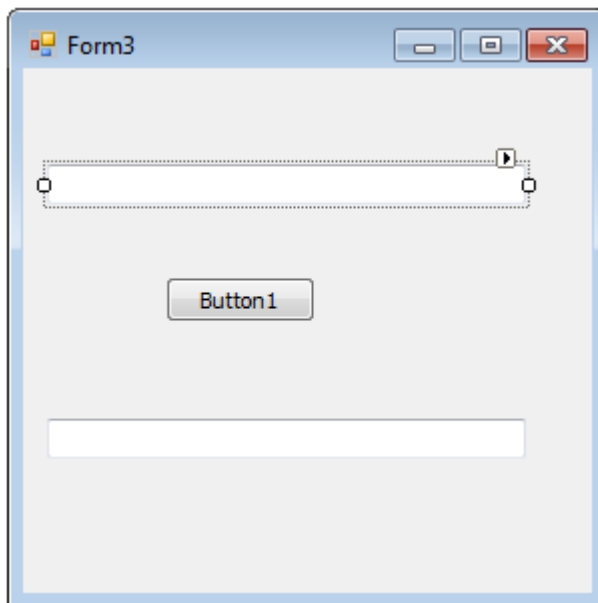
H.W/

Start a new project. Add a textbox, a Label and a button to your new Form. Then write a programme that does the following:

1. Asks users to enter a number between 10 and 20.
2. The number will be entered into the Textbox.
3. When the Button is clicked, your Visual Basic code will check the number entered in the Textbox.
4. If it is between 10 and 20, then a message will be displayed.
5. The message box will display the number from the Textbox.
6. If the number entered is not between 10 and 20 then the user will be invited to try again, and whatever was entered in the Textbox will be erased

# Select...Case Statement (Visual Basic)

```
Select [ Case ] testexpression  
  
    [ Case expressionlist  
        [ statements ] ]  
  
    [ Case Else  
        [ elstatements ] ]  
End Select
```



```
Public Class Form3  
  
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Button1.Click  
        Dim number As Integer = Val(TextBox1.Text)  
        Select Case number  
            Case 1 To 5  
                TextBox2.Text = "Between 1 and 5"  
                ' The following is the only Case clause that evaluates to True.  
            Case 6, 7, 8  
                TextBox2.Text = "Between 6 and 8"  
            Case 9 To 10  
                TextBox2.Text = "Equal to 9 or 10"  
            Case Else  
                TextBox2.Text = "Not between 1 and 10"  
        End Select  
    End Sub  
End Class
```

Yousif Nihad