

## **Practical No 10**

### **VIII. Resources required (Additional)**

→ If any web resources required.

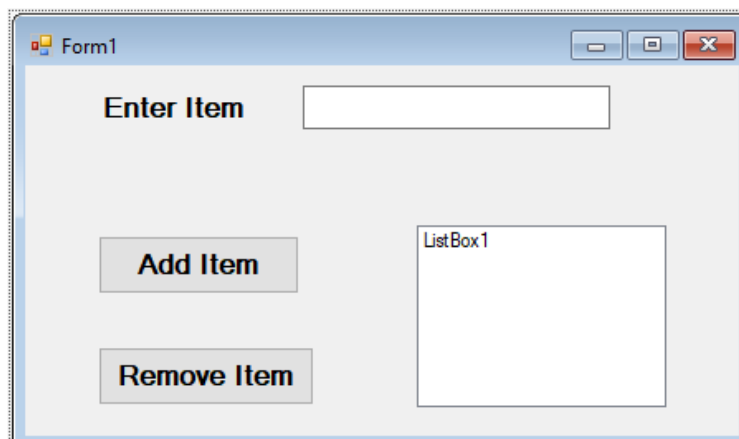
### **X. Resources used (Additional)**

→ <https://docs.microsoft.com/en-us/dotnet/api/system.windows.forms.listbox?view=netframework-4.7.2>

→ <https://docs.microsoft.com/en-us/dotnet/api/system.windows.forms.combobox?view=netframework-4.7.2>

### **XI. Program Code**

- 1. Write a program to demonstrate the use of ListBox and ComboBox.**  
(Code for Add Items to ListBox & Remove Selected Item from ListBox)



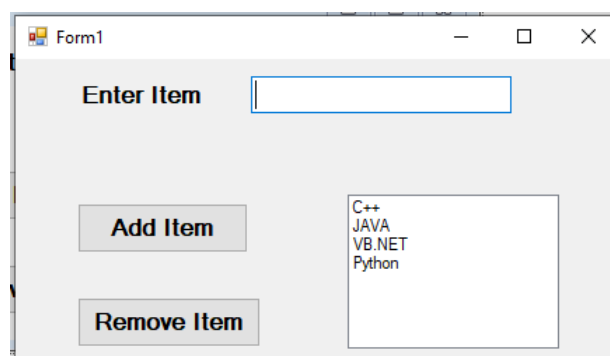
**Public Class Form1**

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    ListBox1.Items.Add(TextBox1.Text)
    TextBox1.Text = ""
    TextBox1.Focus()
End Sub
```

```
Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
    ListBox1.Items.Remove(ListBox1.SelectedItem)
End Sub
```

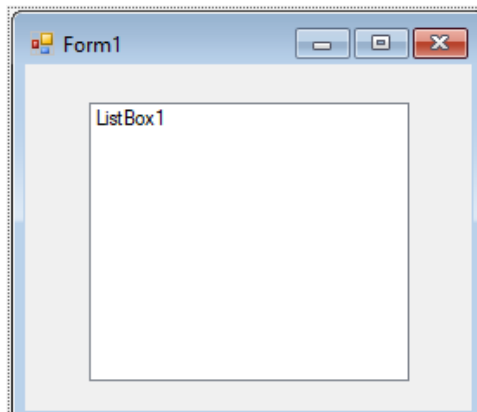
**End Class**

### **XII. Results (output of the program):**



### XIII. Practical related Questions

1. Write the program to select multiple subjects using ListBox control.



Public Class Form1

Private Sub Form1\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

ListBox1.SelectionMode = SelectionMode.MultiSimple

ListBox1.Items.Add("C")

ListBox1.Items.Add("C++")

ListBox1.Items.Add("JAVA")

ListBox1.Items.Add(".NET")

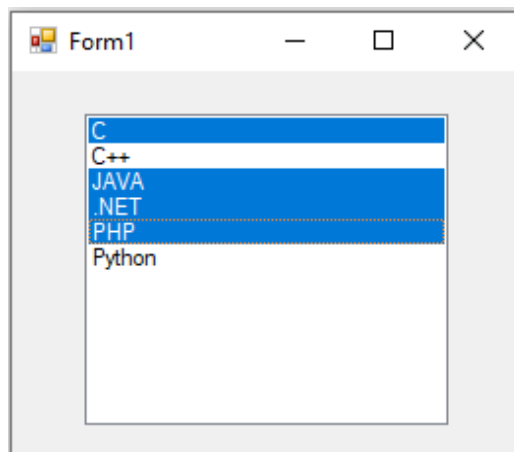
ListBox1.Items.Add("PHP")

ListBox1.Items.Add("Python")

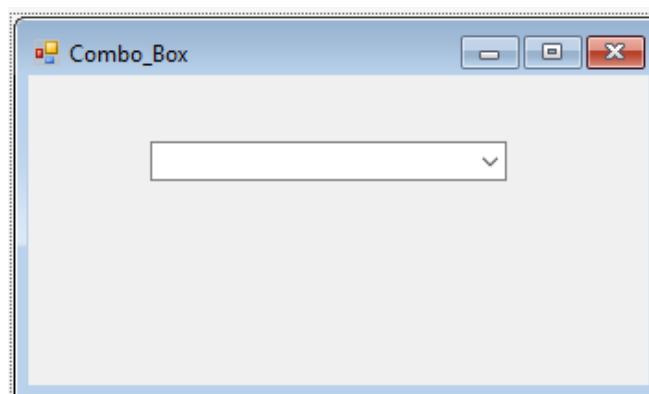
End Sub

End Class

**OUTPUT:**



2. Write the program to select colleges using single ComboBox.



**Public Class Combo\_Box**

**Private Sub** Form1\_Load(sender **As Object**, e **As EventArgs**) **Handles MyBase.Load**

    ComboBox1.Items.Add("MET")

    ComboBox1.Items.Add("GGSP")

    ComboBox1.Items.Add("KKW")

    ComboBox1.Items.Add("GP")

**End Sub**

**Private Sub** ComboBox1\_SelectedIndexChanged(sender **As Object**, e **As EventArgs**)

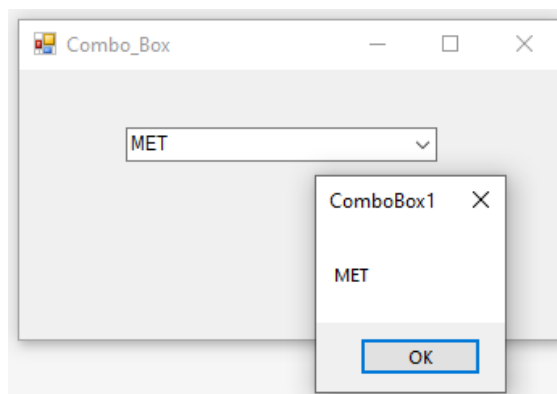
**Handles** ComboBox1.SelectedIndexChanged

    MsgBox(ComboBox1.SelectedItem.ToString)

**End Sub**

**End Class**

**OUTPUT:**



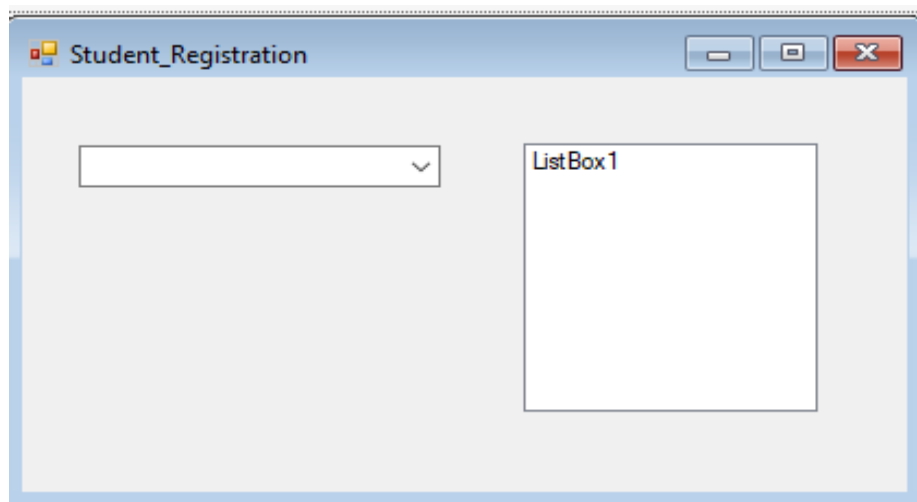
**XIV. Exercise**

**1. Differentiate between ListBox and ComboBox.**

- The ComboBox allows to select single items from the Collection of Items. The ListBox allows to select the single of multiple items from the Collection of Items using SelectMode property.

**2. Write a program to select multiple subjects for single semester.**

➤



Public Class Student\_Registration

Private Sub Student\_Registration\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

```
    ComboBox1.Items.Add("First Semester")
    ComboBox1.Items.Add("Second Semester")
    ComboBox1.Items.Add("Third Semester")
    ComboBox1.Items.Add("Fourth Semester")
```

End Sub

Private Sub ComboBox1\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles ComboBox1.SelectedIndexChanged

```
    If (ComboBox1.SelectedIndex = 0) Then
        ListBox1.Items.Clear()
        ListBox1.Items.Add("Chemistry")
        ListBox1.Items.Add("Physics")
        ListBox1.Items.Add("Maths")
        ListBox1.Items.Add("English")
```

End If

```
    If (ComboBox1.SelectedIndex = 1) Then
        ListBox1.Items.Clear()
        ListBox1.Items.Add("PIC")
        ListBox1.Items.Add("Maths")
        ListBox1.Items.Add("CHM")
        ListBox1.Items.Add("WPD")
```

End If

```
    If (ComboBox1.SelectedIndex = 2) Then
        ListBox1.Items.Clear()
        ListBox1.Items.Add("DBM")
        ListBox1.Items.Add("OOP")
        ListBox1.Items.Add("CGR")
        ListBox1.Items.Add("DSU")
```

End If

```
    If (ComboBox1.SelectedIndex = 3) Then
        ListBox1.Items.Clear()
        ListBox1.Items.Add("JPR")
        ListBox1.Items.Add("DCC")
        ListBox1.Items.Add("GUI")
        ListBox1.Items.Add("SEN")
```

End If

End Sub

End Class

**OUTPUT:**

