

Practical No 09

VIII. Resources required (Additional)

→ If any web resources required.

X. Resources used (Additional)

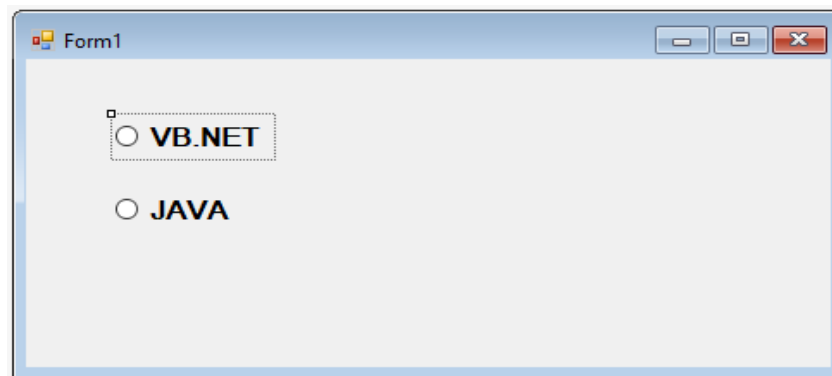
→ <https://docs.microsoft.com/en-us/dotnet/api/system.windows.forms.checkbox?view=netframework-4.7.2>

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

XI. Program Code

Write a program to demonstrate the use of CheckBox and RadioButton.

➤ Code to check Radio Buttons State



Public Class Form1

Private Sub RadioButton1_CheckedChanged(sender As Object, e As EventArgs) **Handles** RadioButton1.CheckedChanged

If (RadioButton1.Checked = **True**) **Then**
 MessageBox.Show("You are Select VB.NET")

End If

End Sub

Private Sub RadioButton2_CheckedChanged(sender As Object, e As EventArgs) **Handles** RadioButton2.CheckedChanged

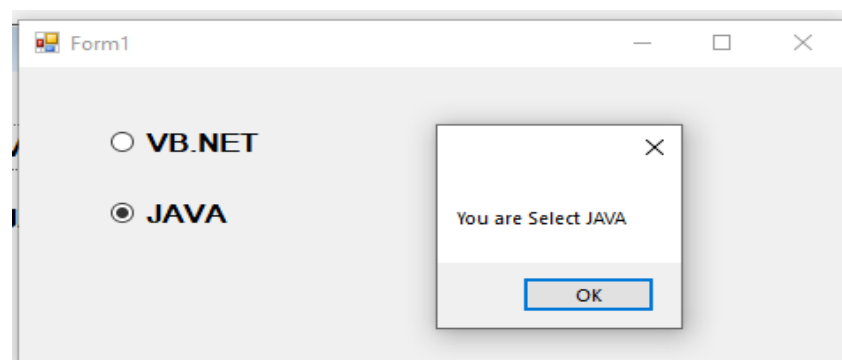
If (RadioButton2.Checked = **True**) **Then**
 MessageBox.Show("You are Select JAVA")

End If

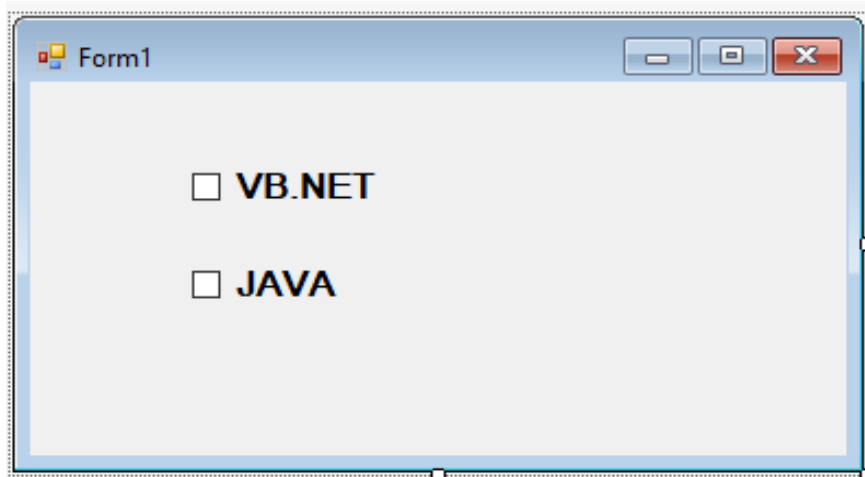
End Sub

End Class

OUTPUT :



Code to display message when the checkbox is checked -

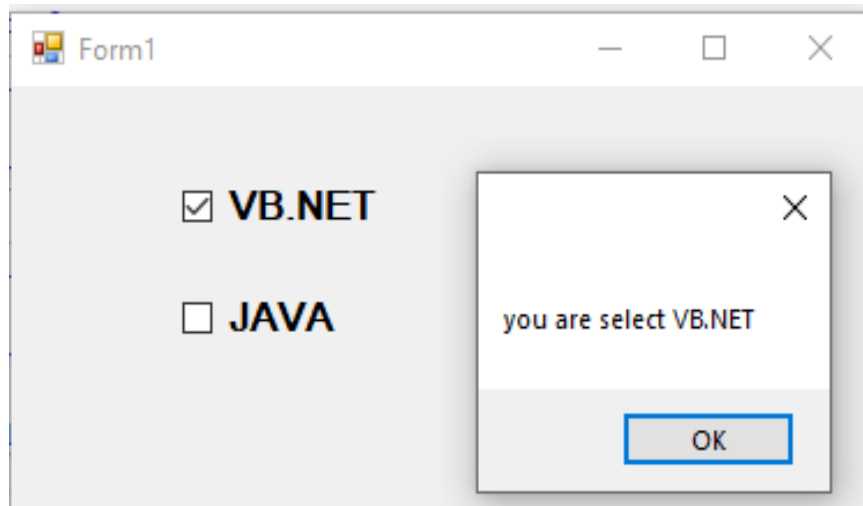


Public Class Form1

```
Private Sub CheckBox1_CheckedChanged(sender As Object, e As EventArgs) Handles  
CheckBox1.CheckedChanged  
    MessageBox.Show("you are select VB.NET")  
End Sub
```

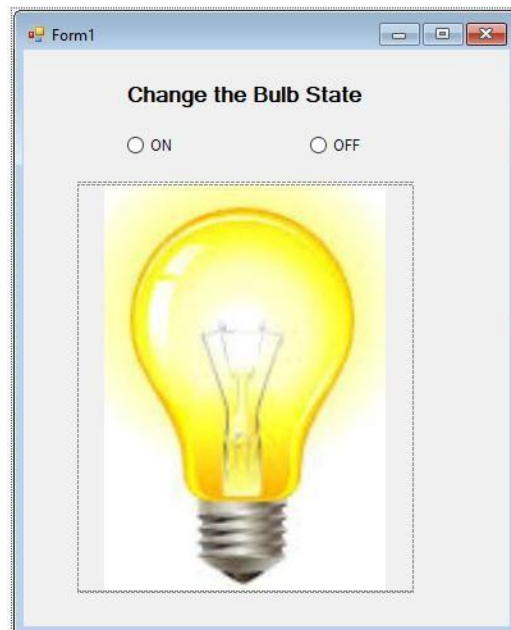
```
Private Sub CheckBox2_CheckedChanged(sender As Object, e As EventArgs) Handles  
CheckBox2.CheckedChanged  
    MessageBox.Show("you are select JAVA")  
End Sub  
End Class
```

OUTPUT :



XIII. Practical related Questions

1. Write the program using RadioButton to change the bulb state ON/OFF.



Public Class Form1

Private Sub RadioButton1_CheckedChanged(sender As Object, e As EventArgs) Handles
RadioButton1.CheckedChanged

PictureBox2.Show()

PictureBox1.Hide()

End Sub

Private Sub RadioButton2_CheckedChanged(sender As Object, e As EventArgs) Handles
RadioButton2.CheckedChanged

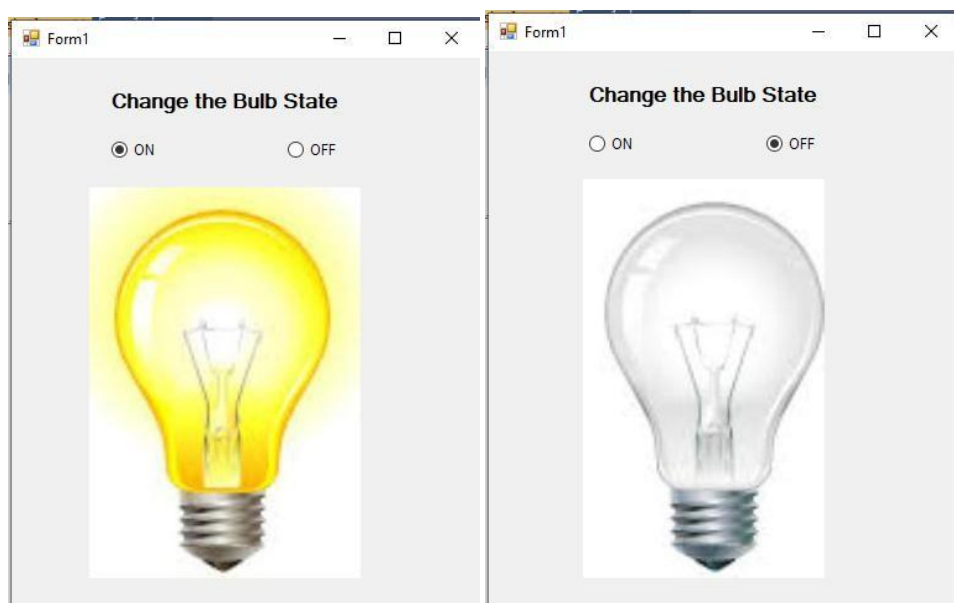
PictureBox1.Show()

PictureBox2.Hide()

End Sub

End Class

OUTPUT:

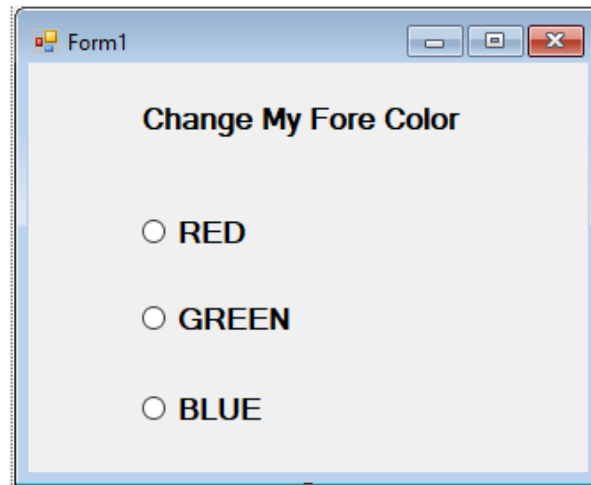


2. Differentiate between RadioButton and CheckBox controls.

- In a checkbox group, a user can select more than one option. Each checkbox operates individually, so a user can toggle each response "Checked" and "Not Checked."
- Radio buttons, however, operate as a group and provide mutually exclusive selection values. A user can select only one option in a radio button group.

XIV. Exercise

- 1. Write a program to change the ForeColor of the text in Label using different RadioButtons such Red, Green, Blue.**



Public Class Form1

```
Private Sub RadioButton1_CheckedChanged(sender As Object, e As EventArgs) Handles  
RadioButton1.CheckedChanged  
Label1.ForeColor = Color.Red  
End Sub
```

```
Private Sub RadioButton2_CheckedChanged(sender As Object, e As EventArgs) Handles  
RadioButton2.CheckedChanged  
Label1.ForeColor = Color.Green  
End Sub
```

```
Private Sub RadioButton3_CheckedChanged(sender As Object, e As EventArgs) Handles  
RadioButton3.CheckedChanged  
Label1.ForeColor = Color.Blue  
End Sub  
End Class
```

