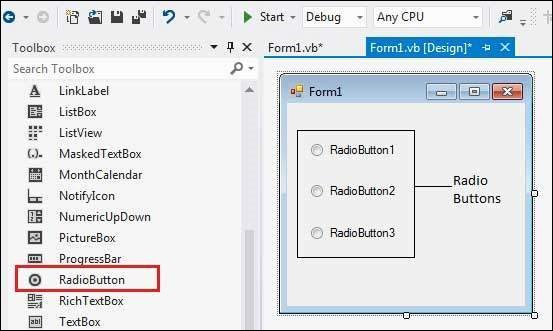
**RadioButton Control**

The RadioButton control is used to provide a set of mutually exclusive options. The user can select one radio button in a group. If you need to place more than one group of radio buttons in the same form, you should place them in different container controls like a GroupBox control.

Let's create three radio buttons by dragging RadioButton controls from the Toolbox and dropping on the form.



The Checked property of the radio button is used to set the state of a radio button. You can display text, image or both on radio button control. You can also change the appearance of the radio button control by using the Appearance property.

**Properties of the RadioButton Control**

The following are some of the commonly used properties of the RadioButton control.

1. Appearance

Gets or sets a value determining the appearance of the radio button.

2. AutoCheck

Gets or sets a value indicating whether the Checked value and the appearance of the control automatically change when the control is clicked.

3.CheckAlign

Gets or sets the location of the check box portion of the radio button.

4. Checked

Gets or sets a value indicating whether the control is checked.

5. Text

Gets or sets the caption for a radio button.

6. TabStop

Gets or sets a value indicating whether a user can give focus to the RadioButton control using the TAB key.

**Events of the RadioButton Control**

The following are some of the commonly used events of the RadioButton control −

1. AppearanceChanged

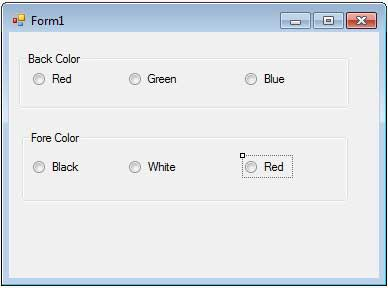
Occurs when the value of the Appearance property of the RadioButton control is changed.

2. CheckedChanged

Occurs when the value of the Checked property of the RadioButton control is changed.

**Example**

In the following example, let us create two groups of radio buttons and use their CheckedChanged events for changing the BackColor and ForeColor property of the form.



Let's double click on the radio buttons and put the follow code in the opened window.

Public Class Form1

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

' Set the caption bar text of the form.

Me.Text = "Radio Button Control"

End Sub

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

Me.BackColor = Color.Red

End Sub

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

Me.BackColor = Color.Green

End Sub

Private Sub RadioButton3\_CheckedChanged(sender As Object, e As EventArgs) Handles RadioButton3.CheckedChanged

Me.BackColor = Color.Blue

End Sub

Private Sub RadioButton4\_CheckedChanged(sender As Object, \_

e As EventArgs) Handles RadioButton4.CheckedChanged

Me.ForeColor = Color.Black

End Sub

Private Sub RadioButton5\_CheckedChanged(sender As Object, \_

e As EventArgs) Handles RadioButton5.CheckedChanged

Me.ForeColor = Color.White

End Sub

Private Sub RadioButton6\_CheckedChanged(sender As Object, \_

e As EventArgs) Handles RadioButton6.CheckedChanged

Me.ForeColor = Color.Red

End Sub

End Class

When the above code is executed and run using Start button available at the Microsoft Visual Studio tool bar, it will show the following window

