

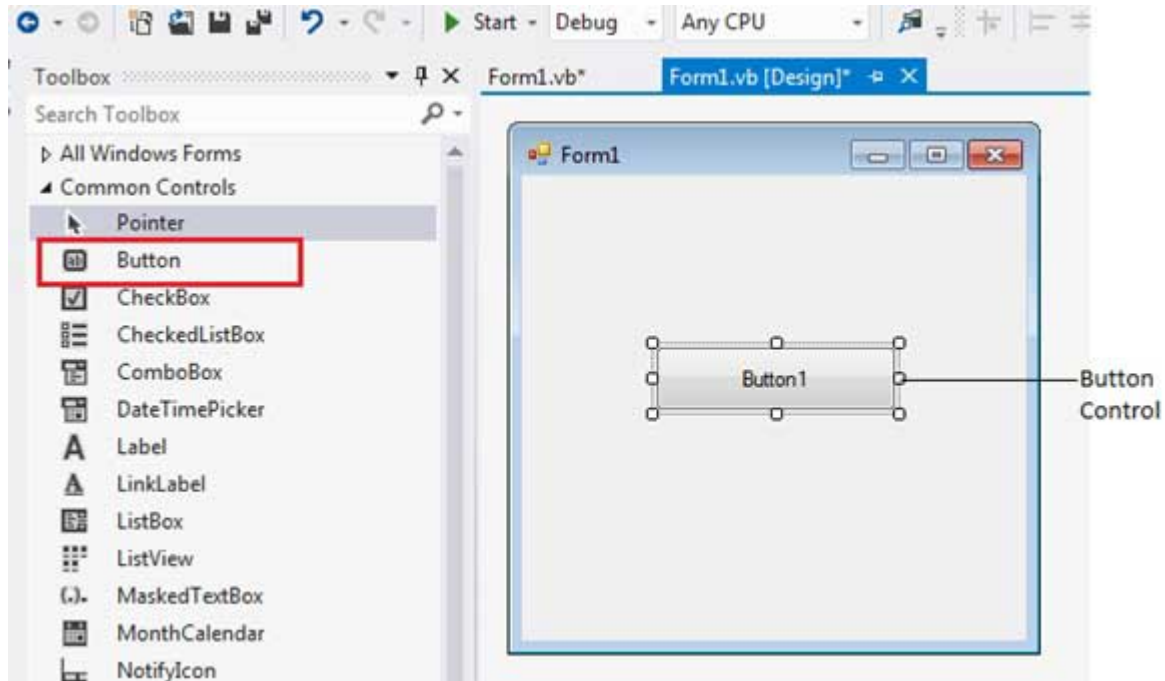
# VB.NET - BUTTON CONTROL

[http://www.tutorialspoint.com/vb.net/vb.net\\_button.htm](http://www.tutorialspoint.com/vb.net/vb.net_button.htm)

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The Button control represents a standard Windows button. It is generally used to generate a Click event by providing a handler for the Click event.

Let's create a label by dragging a Button control from the Toolbox and dropping it on the form.



## Properties of the Button Control

The following are some of the commonly used properties of the Button control:

S.N	Property	Description
1	<b>AutoSizeMode</b>	Gets or sets the mode by which the Button automatically resizes itself.
2	<b>BackColor</b>	Gets or sets the background color of the control.
3	<b>BackgroundImage</b>	Gets or sets the background image displayed in the control.
4	<b>DialogResult</b>	Gets or sets a value that is returned to the parent form when the button is clicked. This is used while creating dialog boxes.
5	<b>ForeColor</b>	Gets or sets the foreground color of the control.
6	<b>Image</b>	Gets or sets the image that is displayed on a button control.
7	<b>Location</b>	Gets or sets the coordinates of the upper-left corner of the control relative to the upper-left corner of its container.
8	<b>TabIndex</b>	Gets or sets the tab order of the control within its container.
9	<b>Text</b>	Gets or sets the text associated with this control.

## Methods of the Button Control

The following are some of the commonly used methods of the Button control:

S.N	Method Name & Description
1	<b>GetPreferredSize</b> Retrieves the size of a rectangular area into which a control can be fitted.
2	<b>NotifyDefault</b> Notifies the Button whether it is the default button so that it can adjust its appearance accordingly.
3	<b>Select</b> Activates the control.
4	<b>ToString</b> Returns a String containing the name of the Component, if any. This method should not be overridden.

## Events of the Button Control

The following are some of the commonly used events of the Button control:

S.N	Event	Description
1	<b>Click</b>	Occurs when the control is clicked.
2	<b>DoubleClick</b>	Occurs when the user double-clicks the Button control.
3	<b>GotFocus</b>	Occurs when the control receives focus.
4	<b>TabIndexChanged</b>	Occurs when the TabIndex property value changes.
5	<b>TextChanged</b>	Occurs when the Text property value changes.
6	<b>Validated</b>	Occurs when the control is finished validating.

Consult Microsoft documentation for detailed list of properties, methods and events of the Button control.

## Example

In the following example, we create three buttons. In this example, let us:

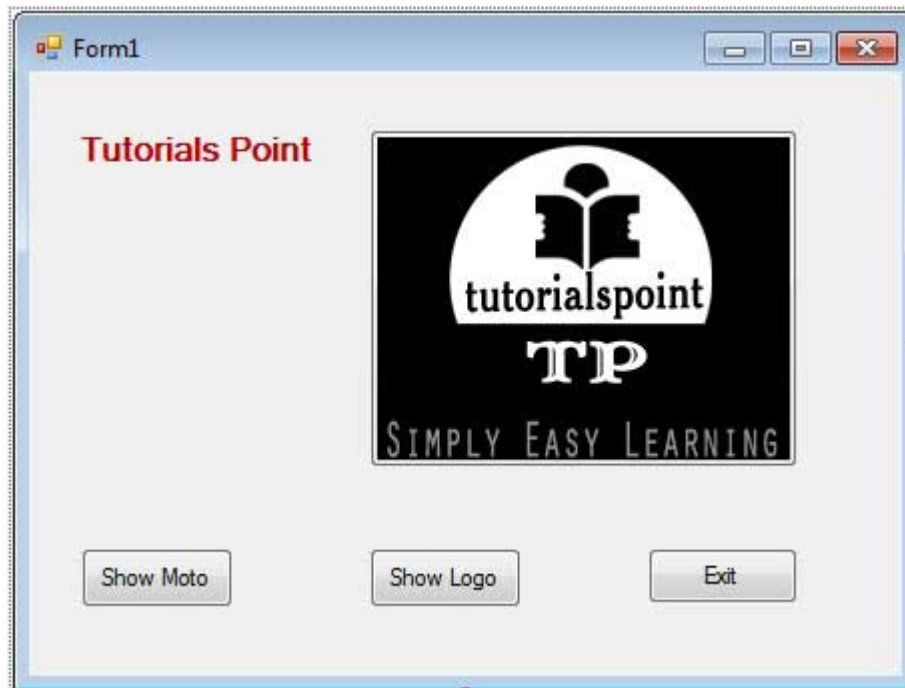
- Set captions for the buttons
- Set some image for the button
- Handle the click events of each buttons

Take following steps:

- Drag and drop a Label control on the form.
- Set the Text property to provide the caption "Tutorials Point".

- Drag and drop three buttons on the form.
- Using the properties window, change the Name properties of the buttons to btnMoto, btnLogo and btnExit respectively.
- Using the properties window, change the Text properties of the buttons to Show Moto, Show Logo and Exit respectively.
- Drag and Drop another button, using the properties window, set its Image property and name it btnImage.

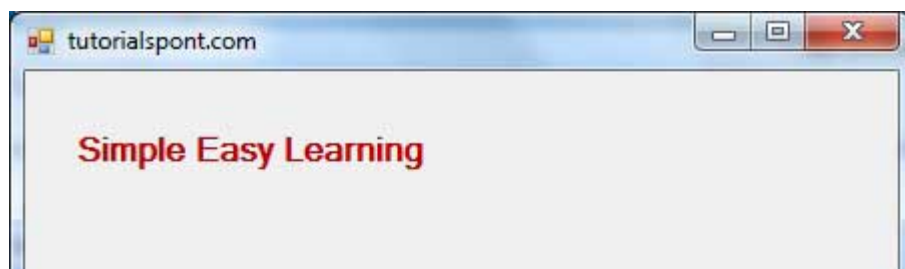
At this stage, the form looks like:

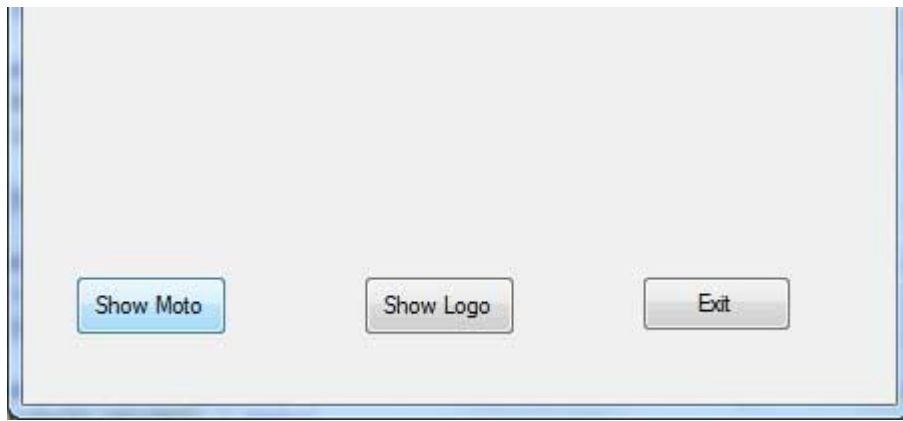


Click the form and add following code in the code editor:

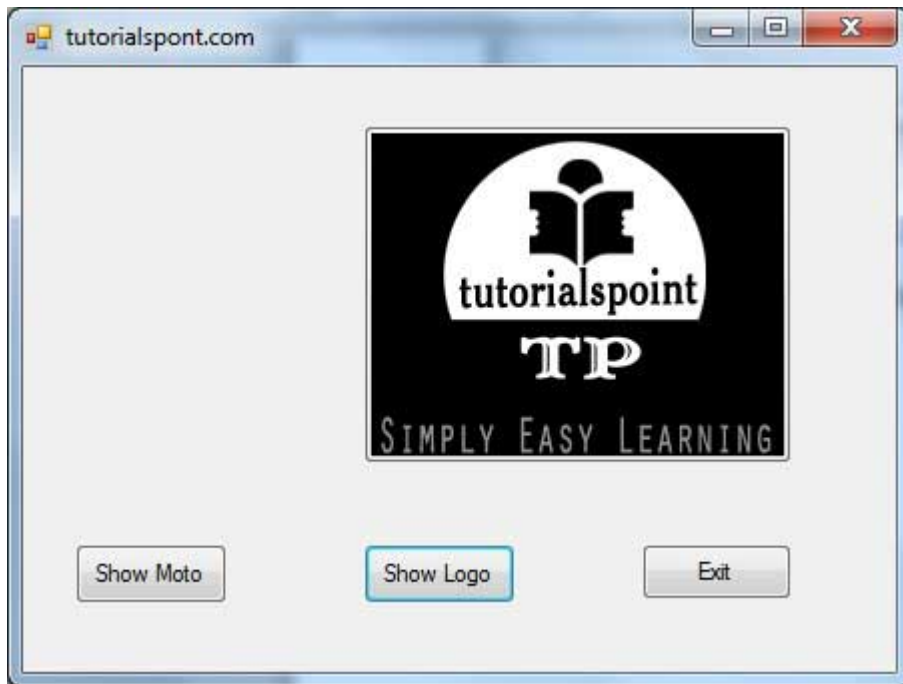
```
Public Class Form1
    Private Sub Form1_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        ' Set the caption bar text of the form.
        Me.Text = "tutorialspont.com"
        btnImage.Visible = False
    End Sub
    Private Sub btnMoto_Click(sender As Object, e As EventArgs) Handles btnMoto.Click
        btnImage.Visible = False
        Label1.Text = "Simple Easy Learning"
    End Sub
    Private Sub btnExit_Click(sender As Object, e As EventArgs) Handles btnExit.Click
        Application.Exit()
    End Sub
    Private Sub btnLogo_Click(sender As Object, e As EventArgs) Handles btnLogo.Click
        Label1.Visible = False
        btnImage.Visible = True
    End Sub
End Class
```

Clicking the first button, displays:





Clicking the second button displays:



Clicking the third button, exits the application.