

GRAPHICS

The Picture Box:

The **picture box** allows you to place Picture on a form. It is best suited for dynamic environments - for example, when doing animation by using **OCX** files.

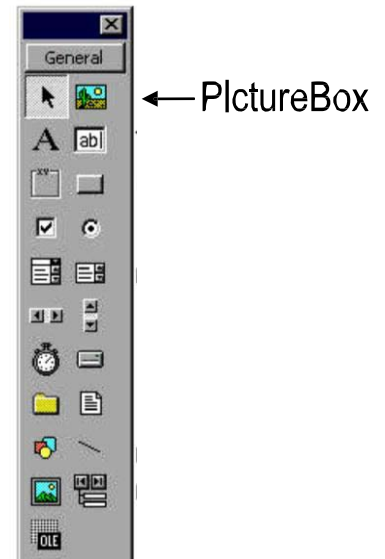
Picture Box useful Property:

AutoSize: If **True**, displaying and fit the real size of the large picture.

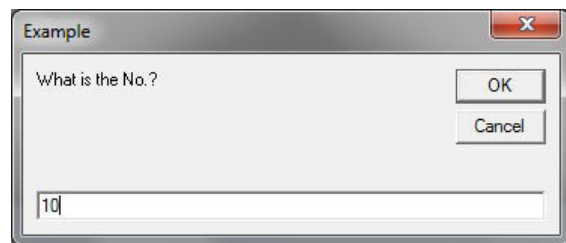
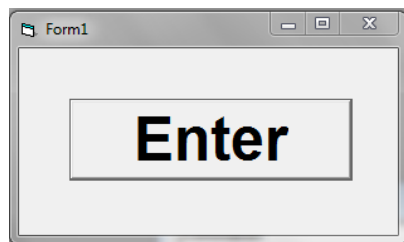
If **False**, we cannot resize the large image.

Picture: (), to upload a picture from the computer.

Example1: Displaying **Picture Box** in a second form
When an **inputBox** in the first form = **10**.



Solution:



Code:

Command1:

Dim a As Integer

Private Sub Command1_Click()

a = InputBox("What is the No.?", "Example", "")

If a = 10 Then

Form1.Hide

Form2.Show

End If

End Sub

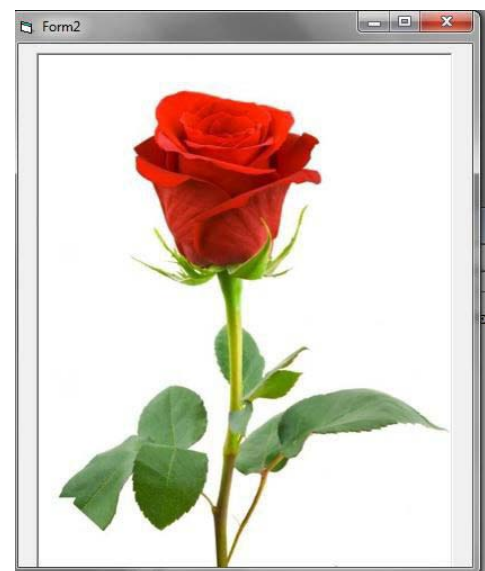


Image Box:

The **image box** is very similar to a picture box in that it allows you to place an image on a form. Image boxes are more suited for static situations.

Picture Box useful Property:

Picture: (), to upload a picture from the computer.

Stretch: If **True**, we can resize the image to any suitable size.

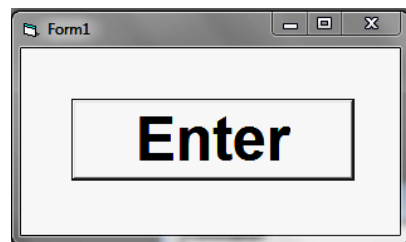
If **False**, we cannot resize the large image.

ImageBox →



Example2: Displaying **Image Box** in a second form
When an **inputBox** in the first form = **10**.

Solution:



Code:Command1:**Dim a As Integer**

```
Private Sub Command1_Click()
```

```
  a = InputBox("What is the No.", "Example", "")
```

```
  If a = 10 Then
```

```
    Form1.Hide
```

```
    Form2.Show
```

```
  End If
```

```
End Sub
```

To input Picture or Image according to the Code write down this code:

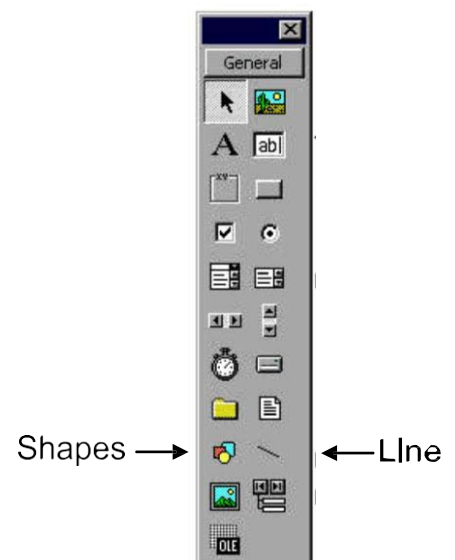
```
picture1.Picture = LoadPicture("F:\picture name.gif")
```

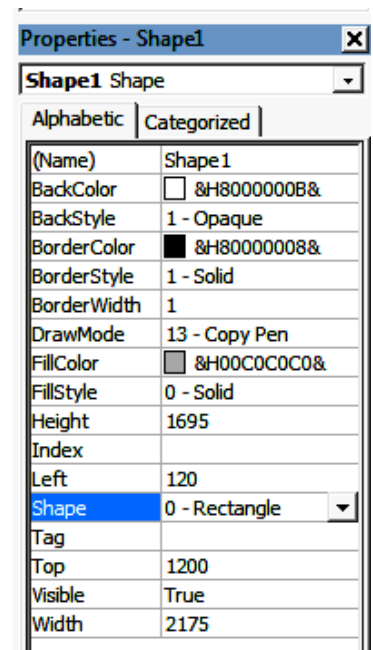
```
Image1.Picture = LoadPicture("F:\picture name.gif")
```

The Line and Shapes:

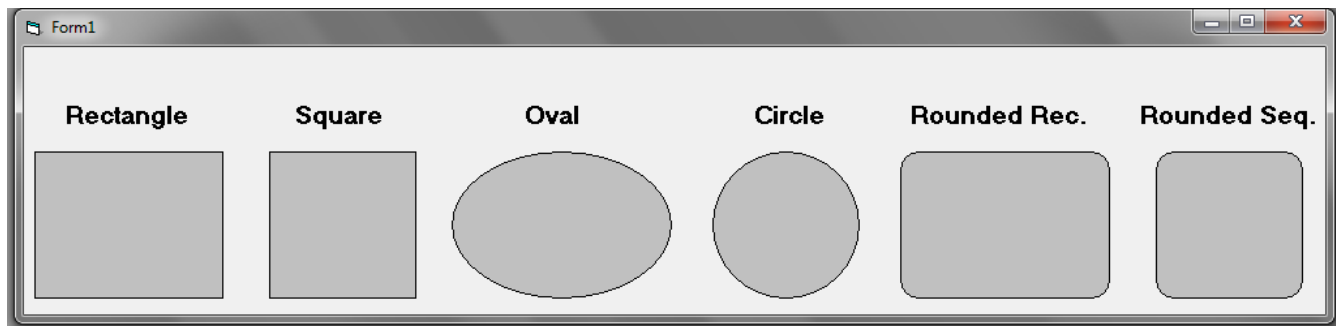
To draw a straight **Line**, just click on the line control and then use your mouse to draw the **Line** on the **Form**. After drawing the **Line**, you can then change its color, width and style using the **BorderColor**, **BorderWidth** and **BorderStyle** properties.

Similarly, to draw a **Shape**, just click on the **Shape** control and draw the shape on the **Form**. The default **Shape** is a **rectangle**. you can change the **Shape** to **Square**, **Oval**, **Circle** and **Rounded Rectangle** by changing the **Shape** property's value to 1, 2, 3, 4, and 5 respectively. In addition, you can change its background color using the **BackColor** property, its border style using the **BorderStyle** property, its border color using the **BorderColor** property as well its border width using the **BorderWidth** property.

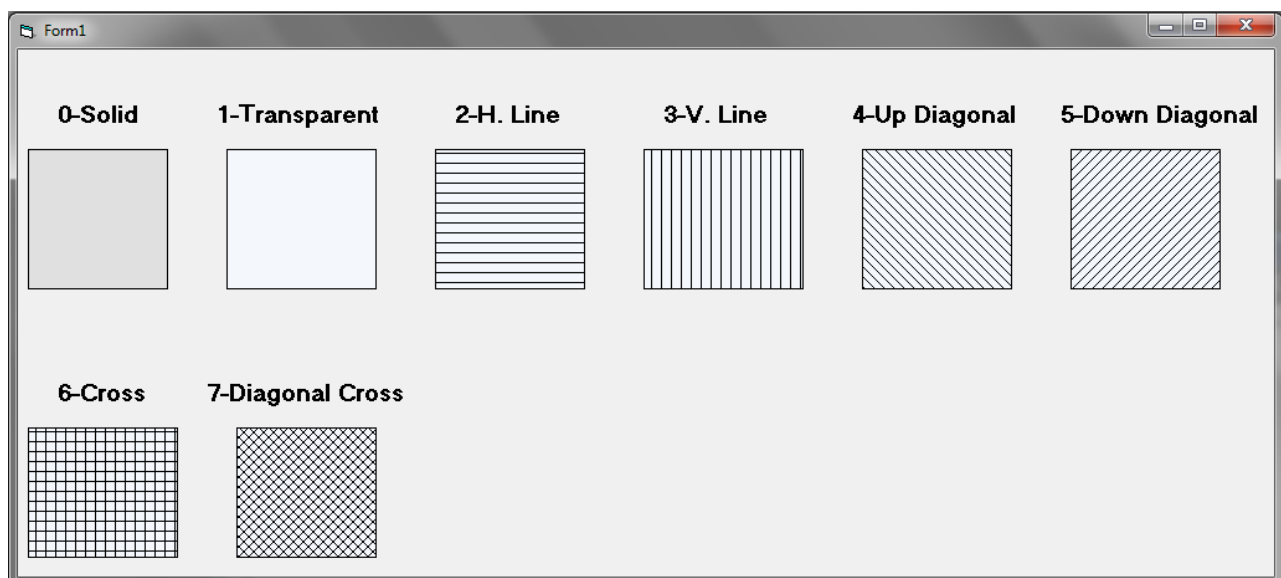




Shape:

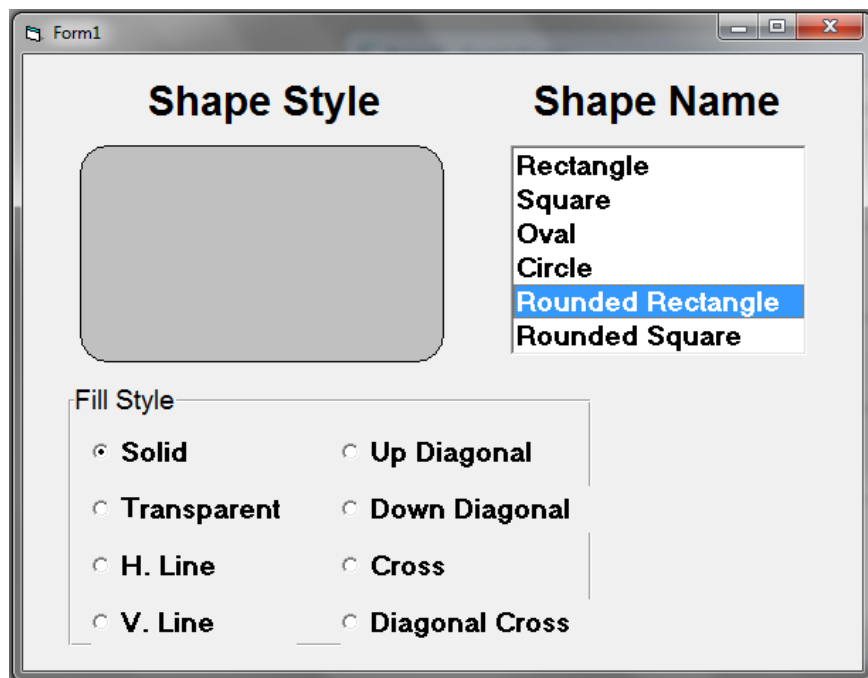


FillStyle:



Example3: Write a program in VB6 to display **Shape** style according to **List Box** and change the **Fill style** according to **Option Button**.

Solution:



Code:

Form1:

```
Private Sub Form_Load()
List1.AddItem "Rectangle"
List1.AddItem "Square"
List1.AddItem "Oval"
List1.AddItem "Circle"
List1.AddItem "Rounded Rectangle"
List1.AddItem "Rounded Square"
End Sub
```

Listbox1:

```
Private Sub List1_Click()
If List1.Text = "Rectangle" Then
Shape1.Shape = 0
End If
```

```
If List1.Text = "Square" Then
Shape1.Shape = 1
End If
If List1.Text = "Oval" Then
Shape1.Shape = 2
End If
If List1.Text = "Circle" Then
Shape1.Shape = 3
End If
If List1.Text = "Rounded Rectangle" Then
Shape1.Shape = 4
End If
If List1.Text = "Rounded Square" Then
Shape1.Shape = 5
End If
End Sub
```

Option1:

```
Private Sub Option1_Click()
Shape1.FillStyle = 0
End Sub
```

Option2:

```
Private Sub Option2_Click()
Shape1.FillStyle = 1
End Sub
```

Option3:

```
Private Sub Option3_Click()
Shape1.FillStyle = 2
End Sub
```

Option4:

```
Private Sub Option4_Click()
Shape1.FillStyle = 3
```

End Sub

Option5:

Private Sub Option5_Click()

Shape1.FillStyle = 4

End Sub

Option6:

Private Sub Option6_Click()

Shape1.FillStyle = 5

End Sub

Option7:

Private Sub Option7_Click()

Shape1.FillStyle = 6

End Sub

Option8:

Private Sub Option8_Click()

Shape1.FillStyle = 7

End Sub
