

### InputBox( ) Function

An InputBox( ) function will display an input Box window where the user can enter a value or a text. The format is

A = InputBox ("Question or Phrase", "Window Title", " ")

#### Example1:

**Integer:** if you input **numbers** in the **InputBox**.  
**String:** if you input **Text** in the **InputBox**.

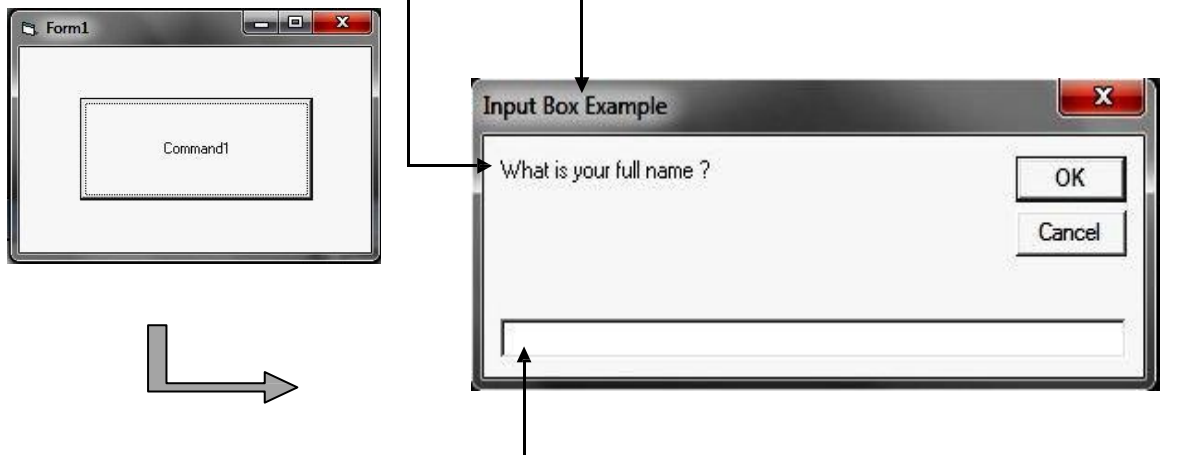
Dim a As string

Command1:

Private Sub Command1\_Click()

**a = InputBox("What is your full name ?", "Input Box Example", " ")**

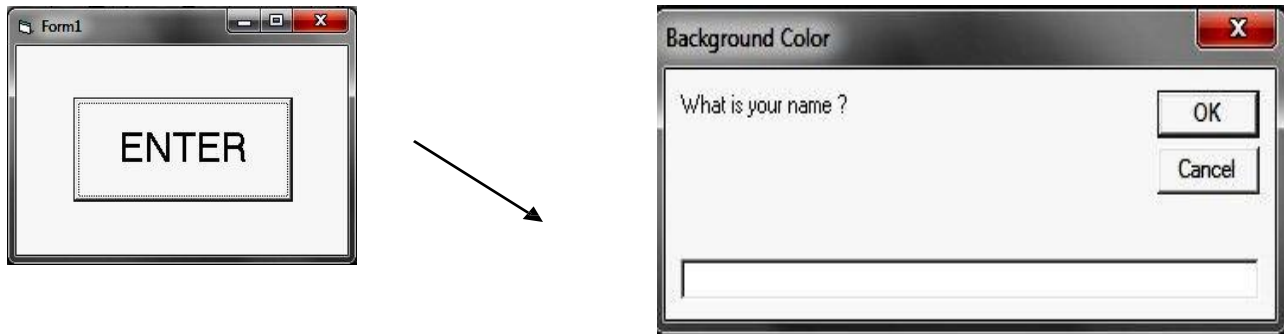
End Sub



**Notes:**

1. If we **Dim** a **variable** as a **string or integer**, then the variable = `InputBox( PUT ALL STATEMENT INSIDE BRACKETS)`.
2. If we use **InputBox** directly without **Dim**, then **InputBox**"NO NEED FOR BRACKETS".

**Example2:** Using `inputBox` method, changing the background color of the form.

**Solution:****Code:**

```
Dim a As String
```

**Command1:**

```
Private Sub Command1_Click( )
```

```
a = InputBox("What is your name ?", "Background Color", "")
```

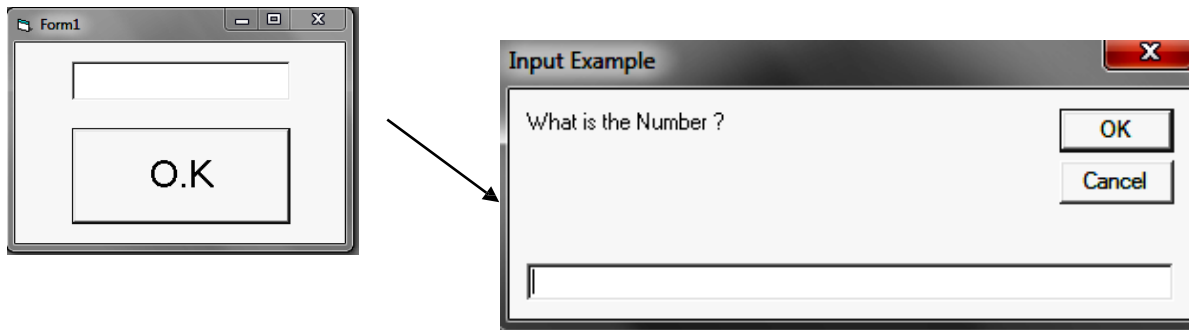
```
If a = "Your Name" Then
```

```
Form1.BackColor = vbRed End If
```

```
End Sub
```

**Example3:** Using inputBox method, showing your name in the TextBox if the InputBox Number = 10.

**Solution:**



Code:

```
Dim a As Integer
```

---

**Command1:**

```
Private Sub Command1_Click()
```

```
a = InputBox("What is the Number ?", "Input Example", " ")
```

```
If a = "10" Then
```

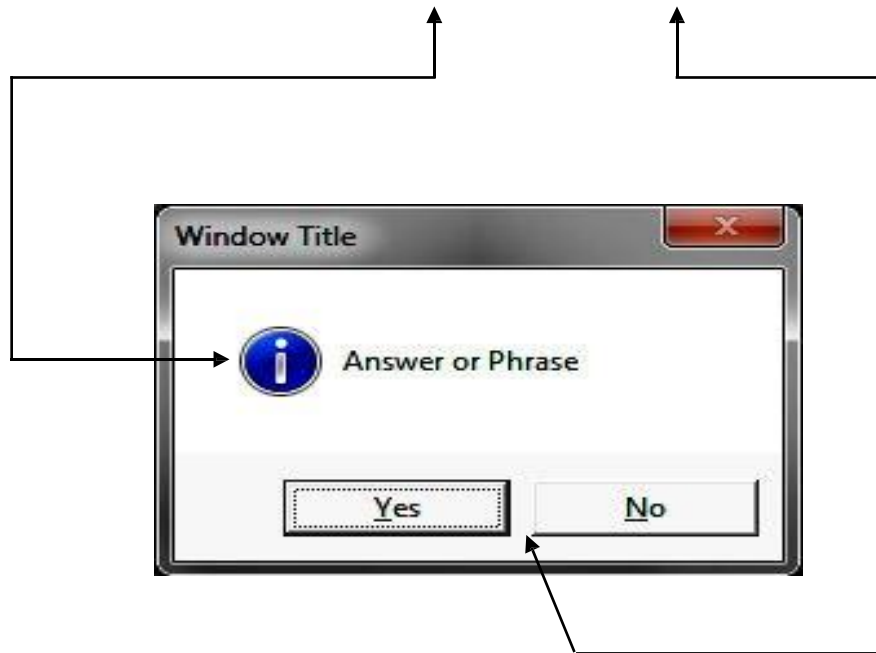
```
Text1.Text = "Your
```

```
Name" End If
```

```
End Sub
```

**MsgBox(“”) Function**

The objective of MsgBox is to produce a pop-up message box and prompt the user to click on a command button before to confirm specific condition. This message box format is as follows:

**MsgBox “Answer or Phrase”, vbInformation + vbYesNo, “Window Title”****Notes:**

3. If we **Dim** a variable as a string or integer, then the variable = MsgBox( PUT ALL STATEMENT INSIDE BRACKETS). See example5
4. If we use **MsgBox** directly without **Dim**, then **MsgBox**”NO NEED FOR BRACKETS”.
5. In **MsgBox** method doesn't matter if we **Dim** as an **Integer** or as a **String**.

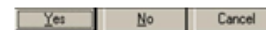
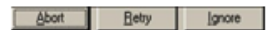
### Icons:

Constant	Value	Description
<b>vbCritical</b>	16	Display Critical message icon
<b>vbQuestion</b>	32	Display Warning Query icon
<b>vbExclamation</b>	48	Display Warning message icon
<b>vbInformation</b>	64	Display information icon



### Buttons:

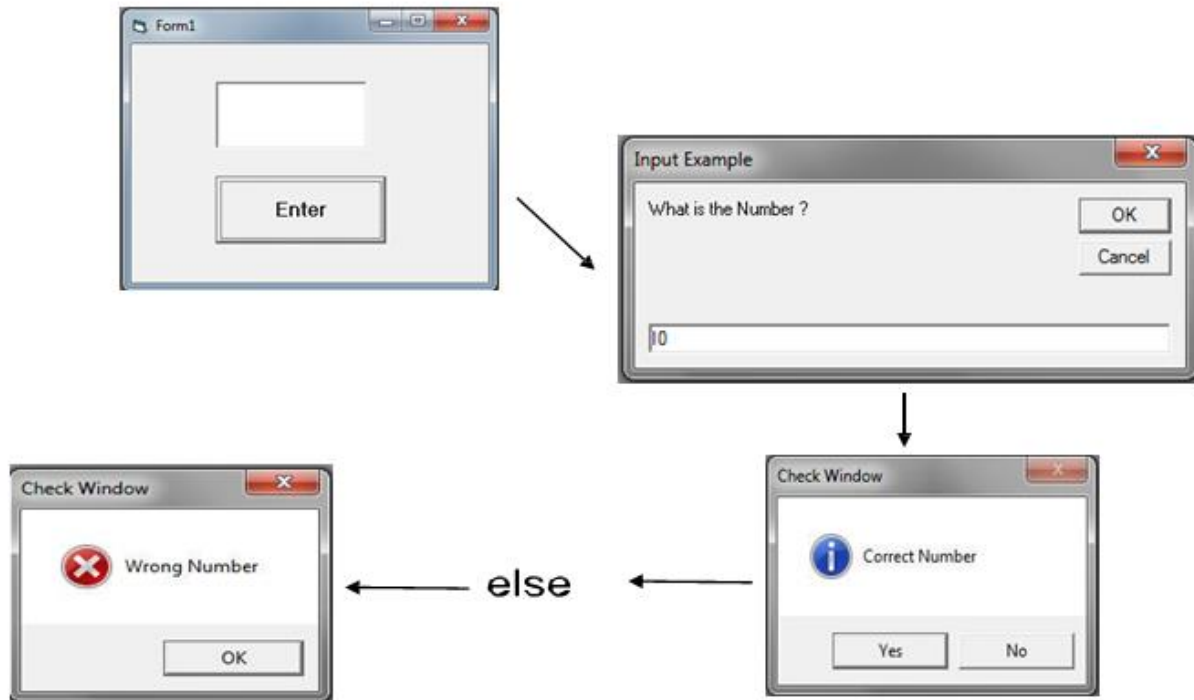
Constant	Value	Description
<b>vbOkOnly</b>	0	Display OK button only
<b>vbOkCancel</b>	1	Display OK and Cancel buttons
<b>vbAbortRetryIgnore</b>	2	Display Abort, Retry and Ignore buttons
<b>vbYesNoCancel</b>	3	Display Yes, No and Cancel buttons
<b>vbYesNo</b>	4	Display Yes and No buttons
<b>vbRetryCancel</b>	5	Display Retry and Cancel buttons



**Example4:** Using inputBox method and MsgBox, showing your name in the Text box if the InputBox Number = 10 then (Correct Number), if not then (Wrong Number).

Use icons with MsgBox.

**Solution:**



**Code:**

```
Dim a As Integer
```

**Command1:**

```
Private Sub Command1_Click()
```

```
a = InputBox("What is the Number ?", "Input Example", " ")
```

```
If a = "10" Then
```

```
MsgBox "Correct Number", vbInformation + vbYesNo, "Check Window"
```

```
Text1.text="your name"
```

```
Else
```

```
MsgBox "Wrong Number", vbCritical, "Check Window"
```

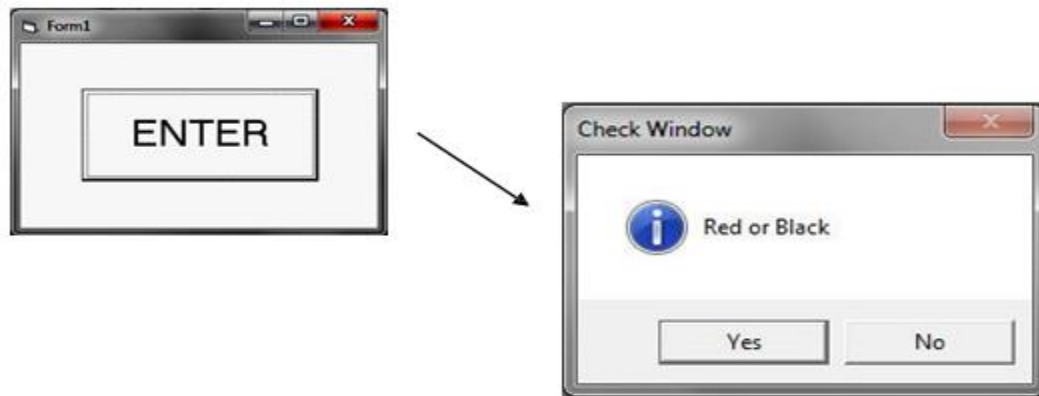
```
Text1.text=" "
```

```
End If
```

```
End Sub
```

**Example5:** Using MsgBox method, showing that when click Yes, the form background color changes to Red, if not changes to Black. Use icons with MsgBox.

### Solution



**Code:**

```
Dim a As Integer
```

```
Command1:
```

```
Private Sub Command1_Click()
```

```
a = MsgBox("Red or Black", vbInformation + vbYesNo, "Check Window")
```

```
If a = vbYes Then
```

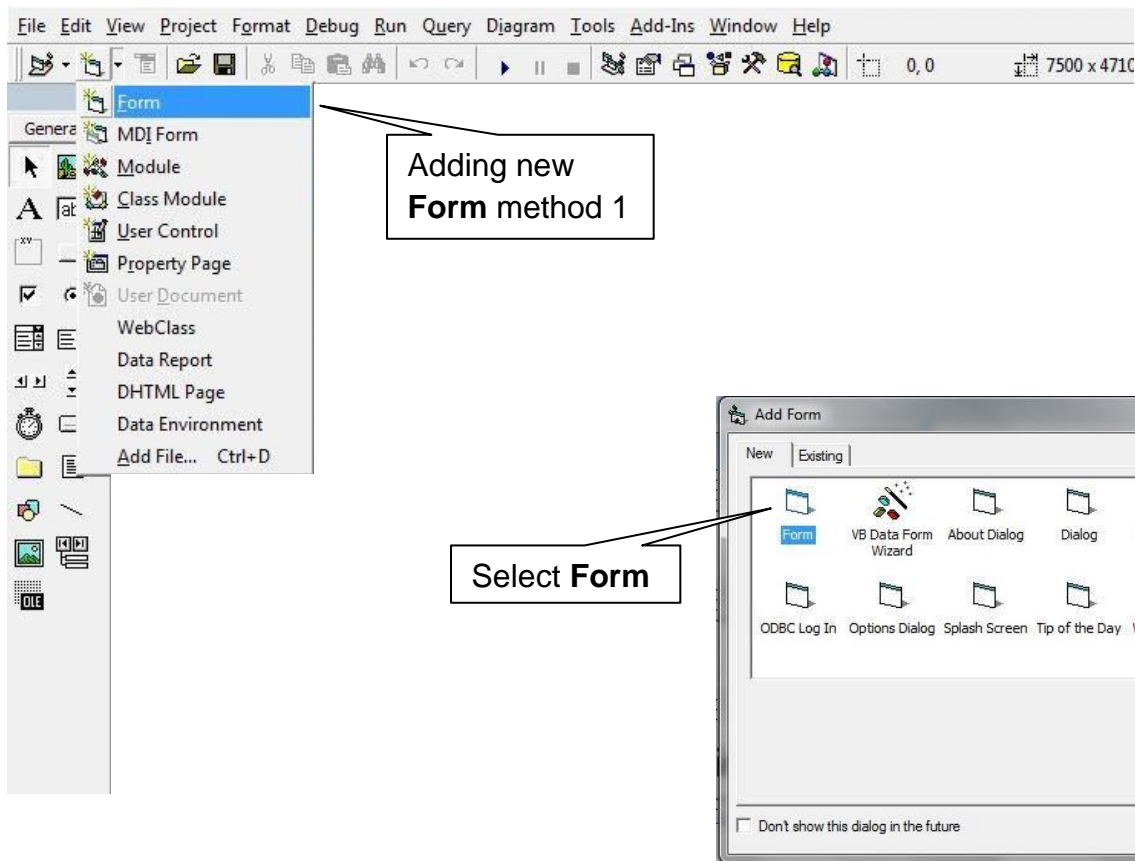
```
Form1.BackColor = vbRed Else
```

```
Form1.BackColor = vbBlack End If
```

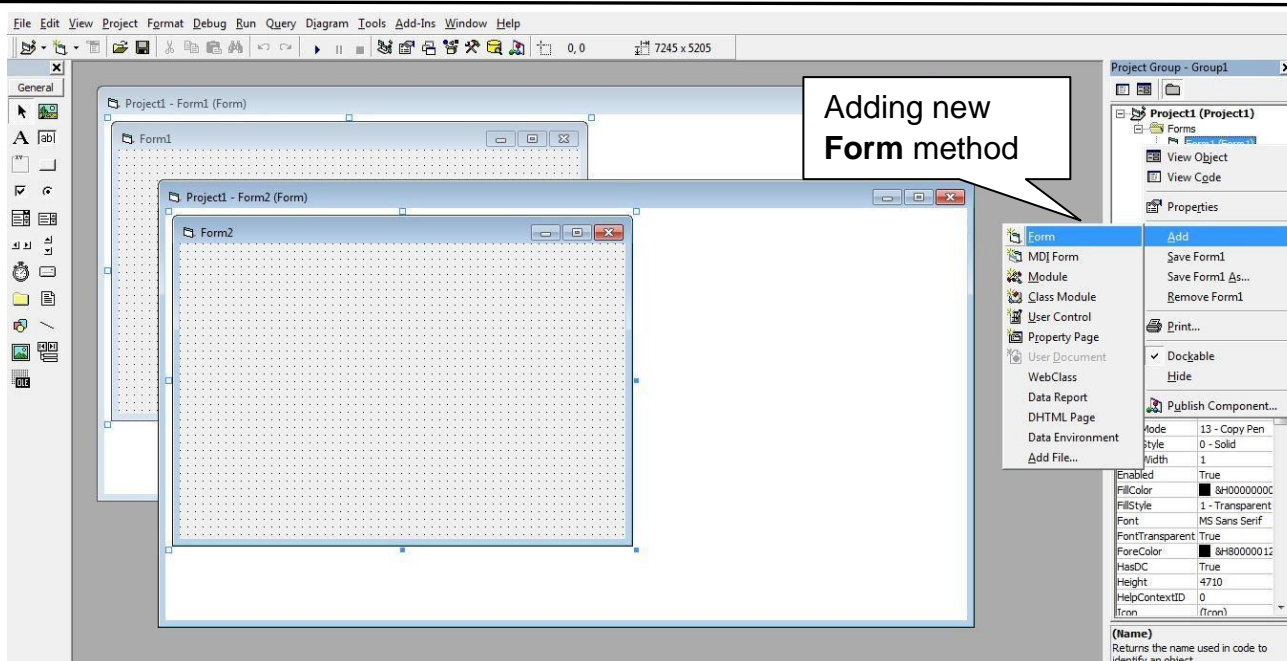
```
End Sub
```

**Example6:** Design a Visual Basic Program to create a User Name and Password form to log in into another form (backcolor Blue), using command button, textboxes, MsgBoxes for error and exit.

**Solution:**







**Code:**

```
Dim a As String
```

**Command1:**

```
Private Sub Command1_Click()
```

```
If Text1.Text = "Any Name" And Text2.Text = "Any Thing" Then
```

```
Form1.Hide
```

```
Form2.Show Else
```

```
MsgBox "Wrong User Name or Password", vbCritical + vbOKOnly, "Warning"
```

```
End If
```

```
End Sub
```

**Form1:****Private Sub Form\_Unload(Cancel As Integer)**

```
a = MsgBox("Are you sure you want to exit", vbQuestion + vbYesNo, "Warning")
```

```
If a = vbYes Then
```

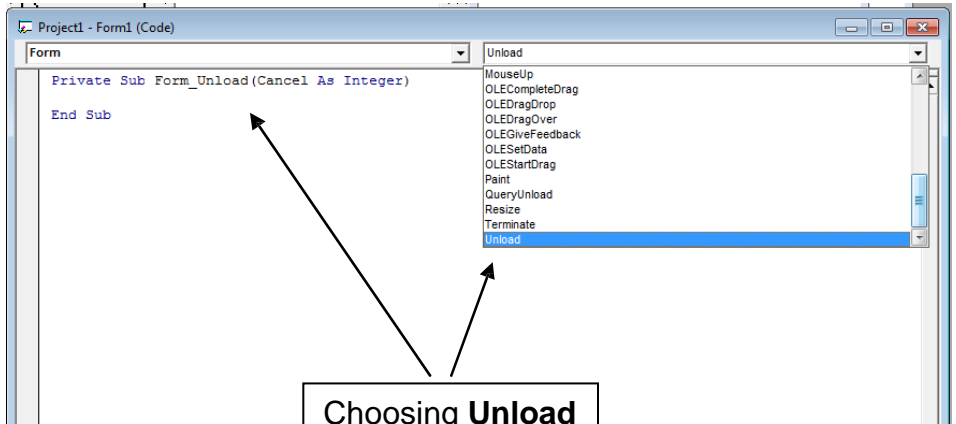
```
End
```

```
Else
```

```
Cancel = 1
```

```
End If
```

```
End Sub
```



Choosing **Unload**  
helping in  
Cancelling Code

**Questions:**

1. Using InputBox method, change the color of your name in the TextBox.
2. Using MsgBox method, make Command1 (invisible) and Command2 (visible) when click on Command1, and vice versa when click on Command2.
3. Using InputBox and MsgBox method, comparing between Even and Odd numbers.