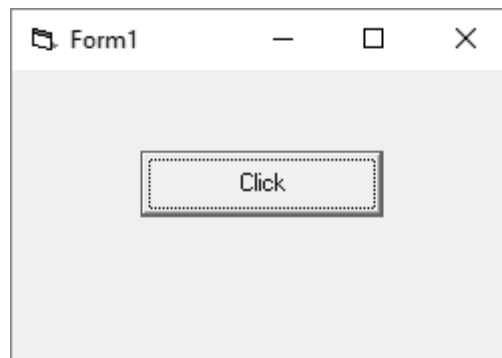**Date:** 31/01/18

WEEK-2

Assignment-1

Problem Statement: Write a program to demonstrate the idea of the message box function. Also describe the various attributes of message box function with suitable code snippet.

Screen-Shot:

Form-1:

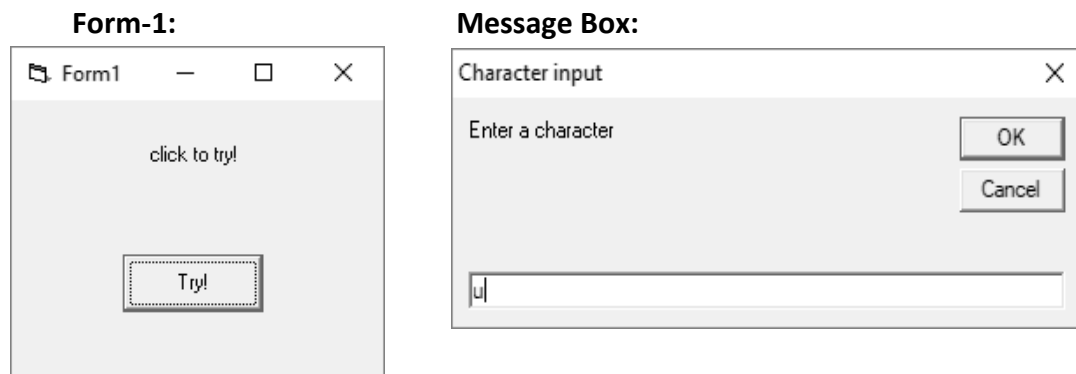**Message Box:**

Form Code:

For Form-1:

```
Private Sub Command1_Click()
Call MsgBox("This is a message box", vbOKOnly, "this is the
title")
End Sub
```
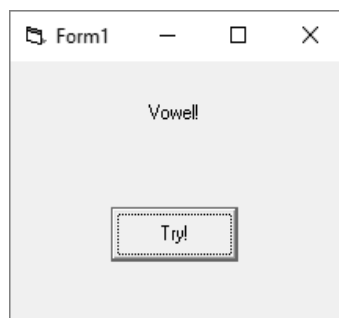
Assignment-2

Problem Statement: Write a program to demonstrate the idea of the input box function. Input a character through input box function and determine whether it is vowel, consonant or special character.

Screen-Shot:

Form-1:	**Message Box:**

After Clicking OK in Input Box:

Form Code:

For Form-1:

```
Private Sub Command1_Click()
x = InputBox("Enter a character", "Character input")
If Len(x) > 1 Or x = "" Then
Label1.Caption = "Enter one character"
Else v = Asc(x)
If v >= 65 And v <= 90 Then
If v = 65 Or v = 69 Or v = 73 Or v = 79 Or v = 85 Then
Label1.Caption = "Vowel!"
Else Label1.Caption = "Consonant!"
End If
ElseIf v >= 97 And v <= 122 Then
If v = 97 Or v = 101 Or v = 105 Or v = 111 Or v = 117 Then
Label1.Caption = "Vowel!"
Else Label1.Caption = "Consonant!"
End If
Else
Label1.Caption = "Special character!"
End If
End If
End Sub
```

Assignment-3

Problem Statement: Write a program to demonstrate the idea of the checkbox control. Input some string with a text box. Put three check boxes captioned as: - a. block letter, b. small letter, c. normal case. On the form. The string case will be changed after clicking the appropriate checkbox.

Screen-Shot:
Form-1:

Form Code:

For Form-1:
```
Private Sub Check1_Click()
If Check1.Value = 1 Then
Check2.Value = 0
Check3.Value = 0
End If
End Sub

Private Sub Check2_Click()
If Check2.Value = 1 Then
Text1.Text = UCase(Text1.Text)
Check1.Value = 0
Check3.Value = 0
End If
End Sub
```

Name: Ranajit Roy, **Sec:** A, **Roll:** 47

```
Private Sub Check3_Click()
If Check3.Value = 1 Then
Text1.Text = LCase(Text1.Text)
Check2.Value = 0
Check1.Value = 0
End If
End Sub
```
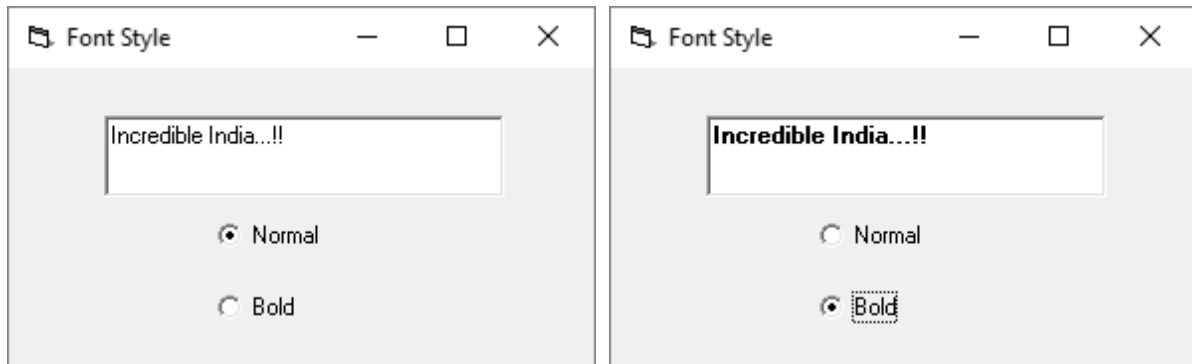
Assignment-4

Problem Statement: Write a program to demonstrate the concept of the option button control. Input some string with a text box. Put two check boxes captioned as: - a. bold font, b. normal font. On the form. The string font will be changed either in bold or in normal after clicking the option button.

Screen-Shot:

      Form-1:

Form Code:

      For Form-1:

```
Private Sub Option1_Click()
If Option1.Value = True Then
Text1.FontBold = False
End If
End Sub

Private Sub Option2_Click()
If Option2.Value = True Then
Text1.FontBold = True
End If
End Sub
```