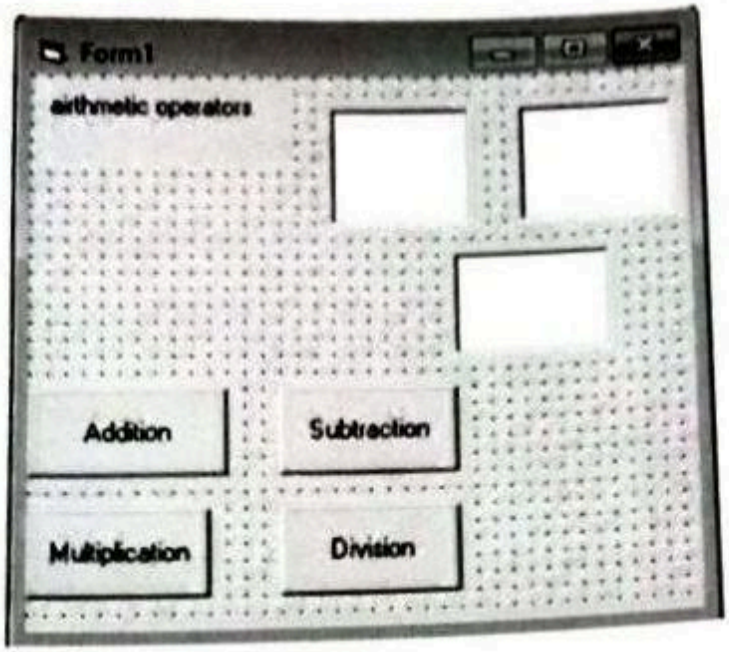
1. Wap to show arithmetic operator

Design:

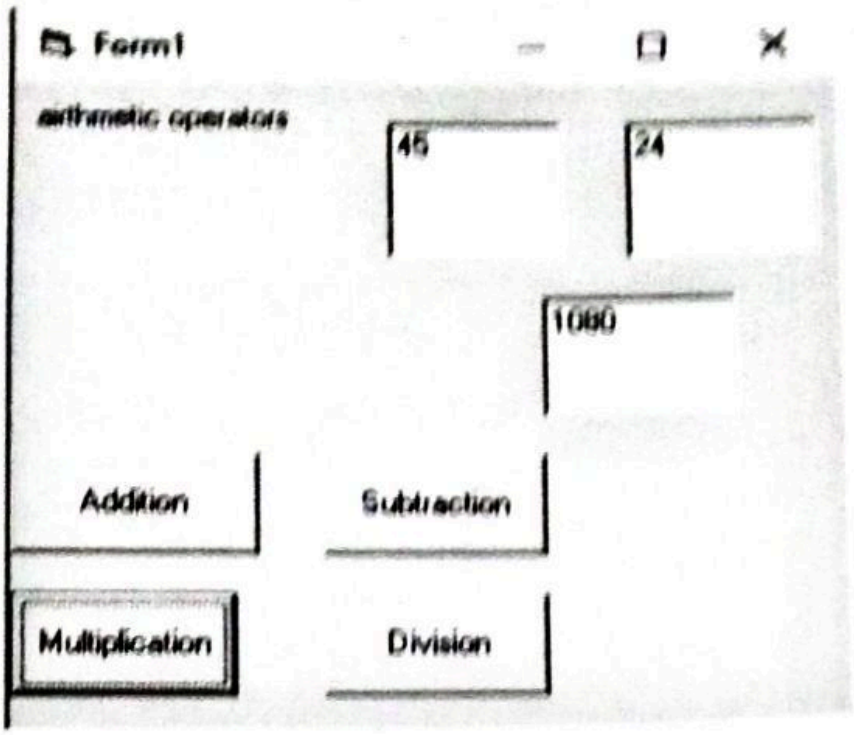


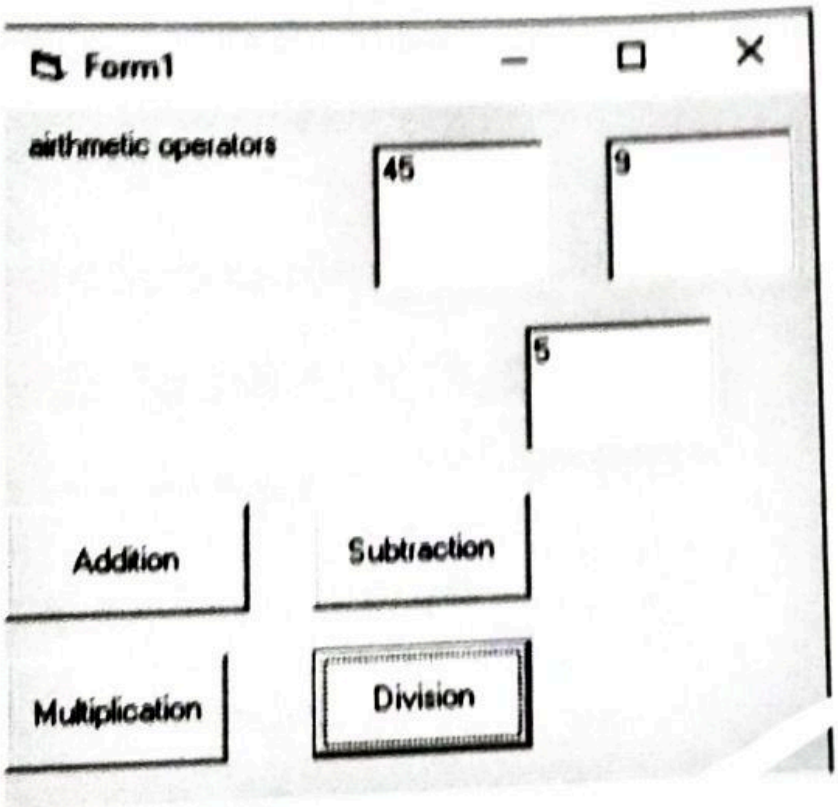
Coding:

```
Private Sub Command1_Click()
Dim a As Integer
Dim b As Integer
a = Text1.Text
b = Text2.Text
Text3.Text = a - b
End Sub

Private Sub Command2_
Dim a As Integer
Dim b As Integer
a = Text1.Text
```

```
b = Text2.Text
Text3.Text = a + b
End Sub

Private Sub Command3_Click()
Dim a As Integer
Dim b As Integer
a = Text1.Text
b = Text2.Text
Text3.Text = a * b
End Sub

Private Sub Command4_Click()
Dim a As Integer
Dim b As Integer
a = Text1.Text
b = Text2.Text
Text3.Text =      b
End Sub
```

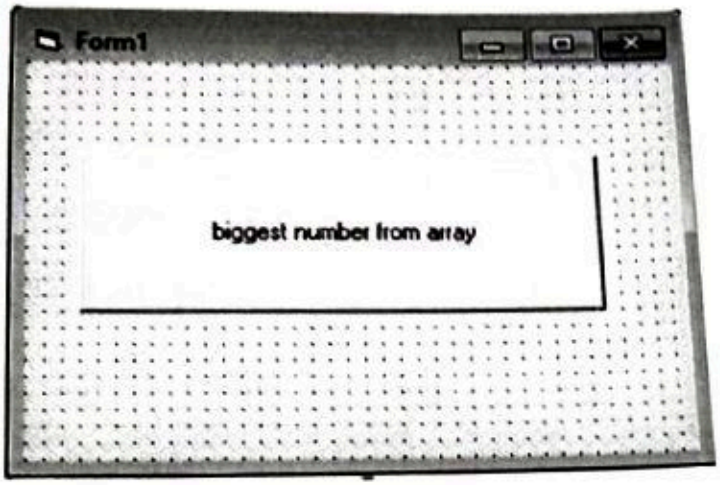
Output:


Form1
arithmetic operators
45
24
1080
Addition
Subtraction
Multiplication
Division


Form1
arithmetic operators
45
9
5
Addition
Subtraction
Multiplication
Division

2. Wap to calculate biggest number from array

Design:

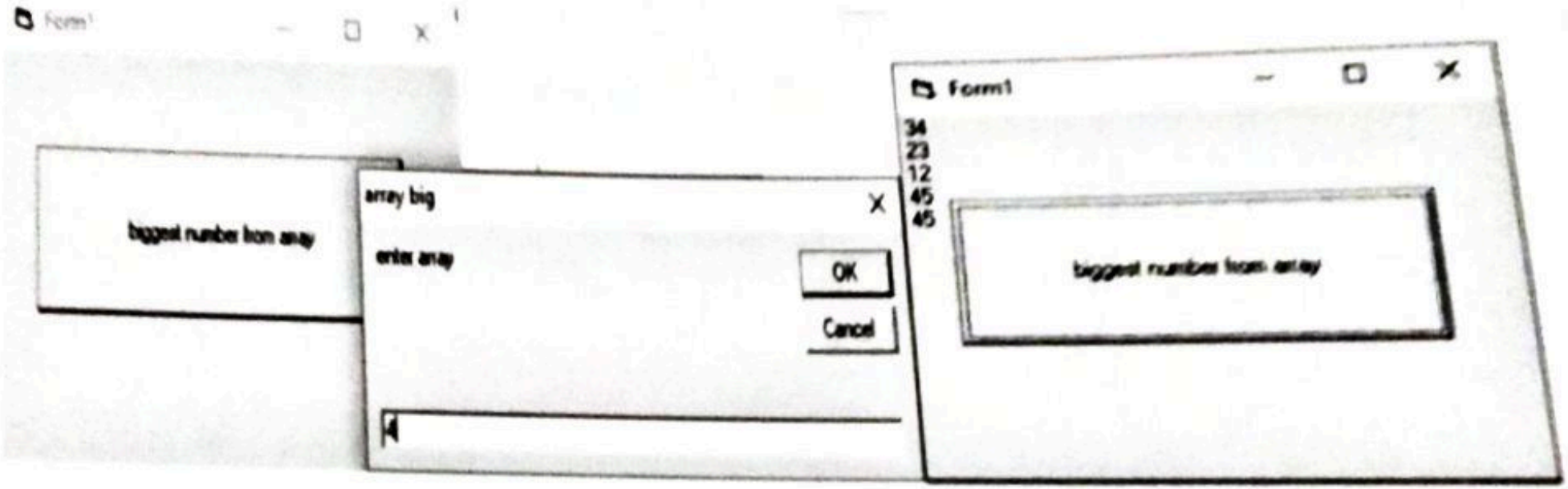


Coding:

```
Private Sub Command1_Click()
Dim s(1 To 10) As Integer
Dim i As Integer
Dim greater As Integer
Dim a As Integer
a = InputBox("enter array")
For i = 1 To a
s(i) = InputBox("array are")
Print s(i)
Next i
greater = s(1)
For i = 1 To a
```

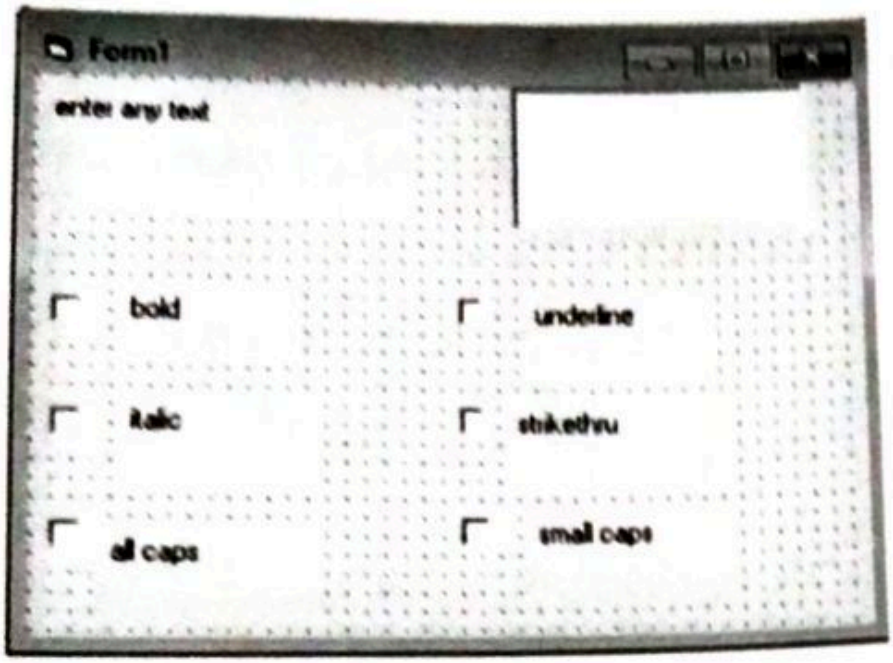
```
If greater < s(i) Then
greater = s(i)
End If
Next i
Print greater
End Sub
```

Output:



3. Wap to show check box

Design:



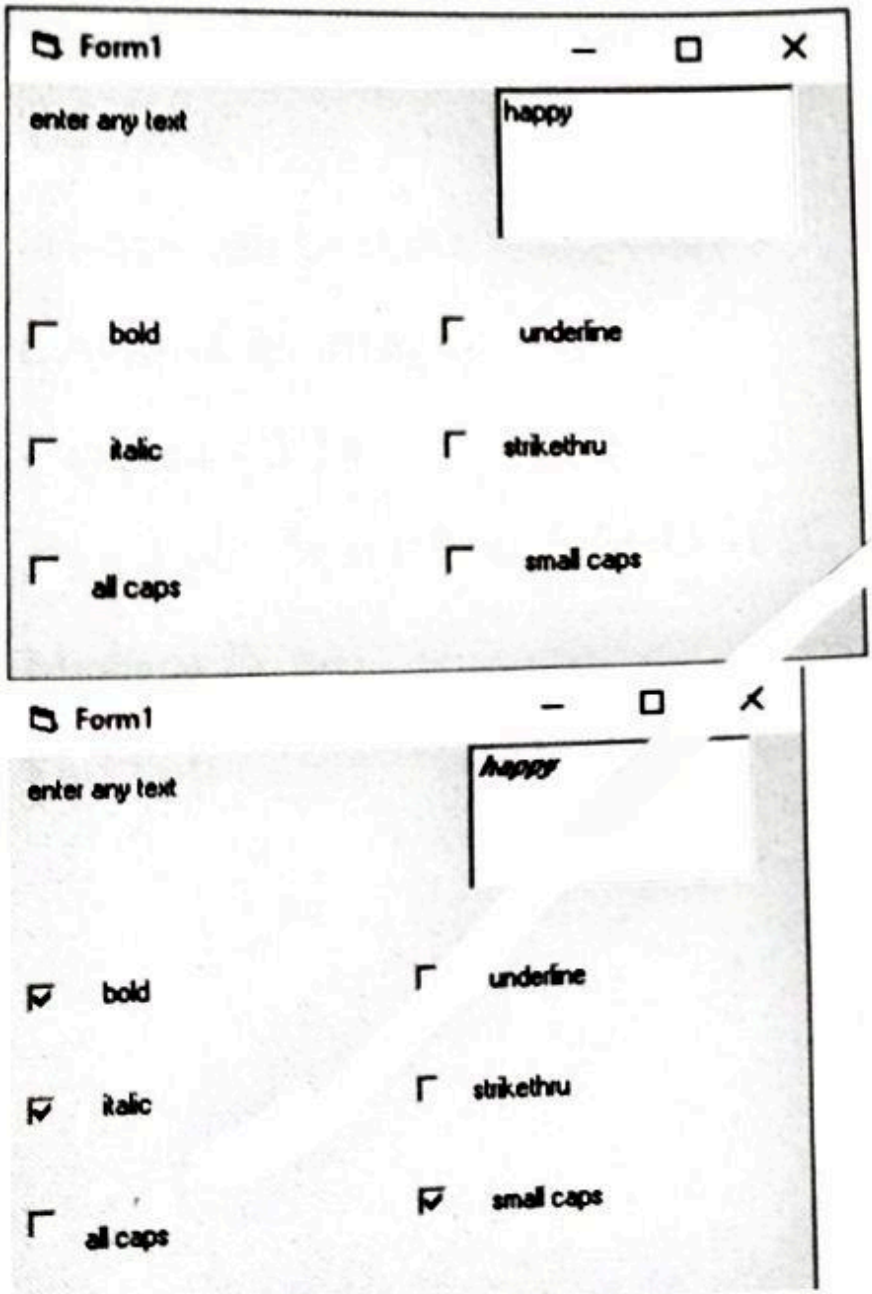
Coding:

```
Private Sub Check1_Click()
If Check1.Value = 1 Then
Text1.Font.Bold = True
Else
Text1.Font.Bold
End If
End Sub

Private Sub Check2_Click()
If Check2.Value = 1 Then
Text1.Font.Italic = True
Else
```

```
Text1.Font.Italic = False
End If
End Sub

Private Sub Check3_Click()
If Check3.Value = 1 Then
Text1.Text = UCase(Text1.Text)
End If
End Sub

Private Sub Check4_Click()
If Check4.Value = 1 Then
Text1.Font.Underline = True
Else
Text1.Font.Underline = False
End If
End Sub

Private Sub Check5_Click()
If Check5.Value = 1 Then
Text1.Font.Strikethrough = True
Else
Text1.Font.Strikethrough = False
End If
```

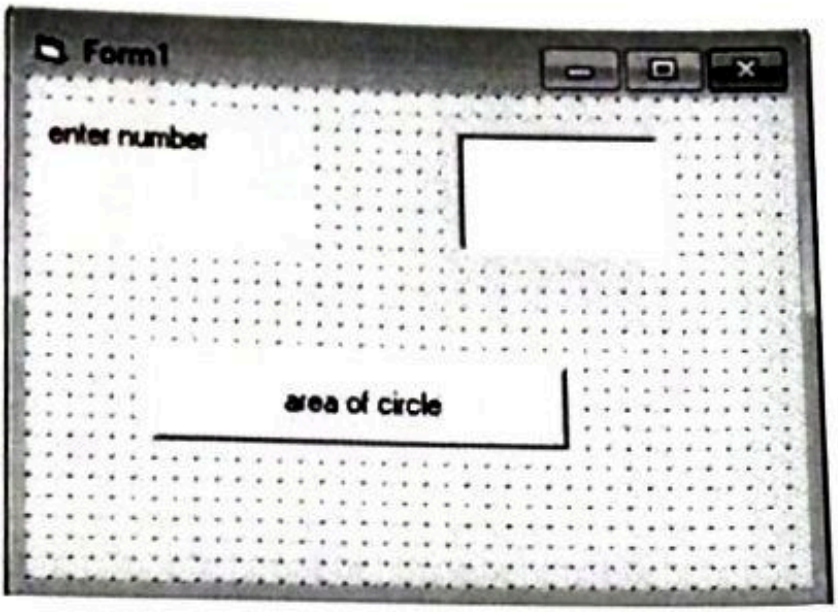
```
End Sub


Private Sub Check6_Click()
If Check6.Value = 1 Then
Text1.Text = LCase(Text1.Text)
End If
End Sub
```

Output:



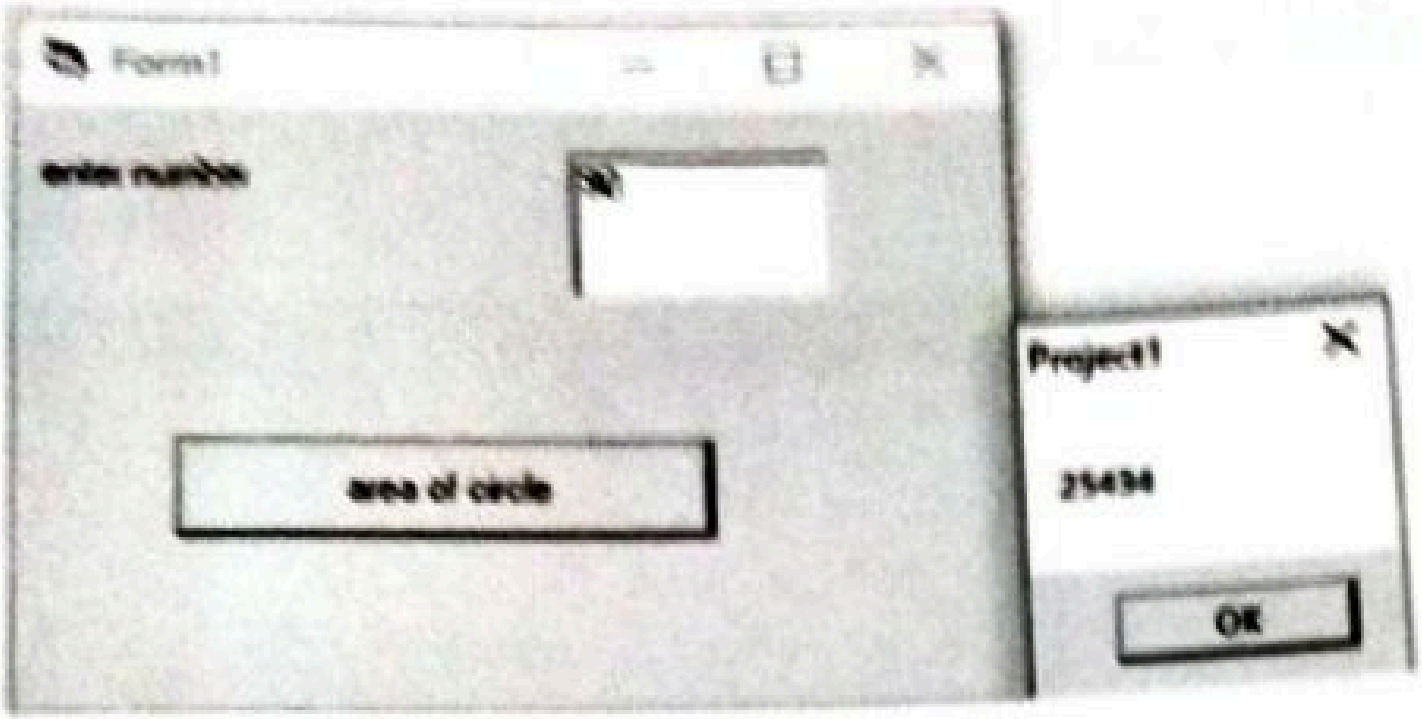
4. Wap to calculate area of circle

Design:



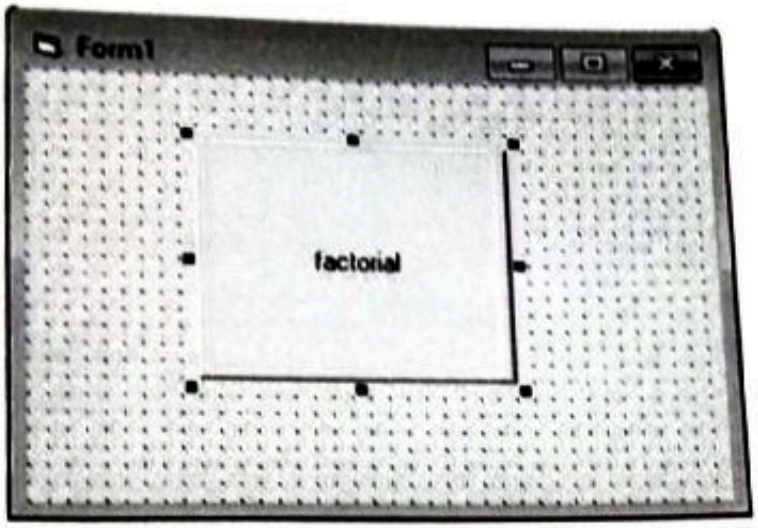
Coding:

```
Private Sub Command1_Click()
Dim area As Integer
Const pi = 3.14
area = pi * Text1.Text * Text1.Text
MsgBox (area)
End Sub
```


Form1
area of circle
Project1
OK

5. Wap to calculate factorial of number

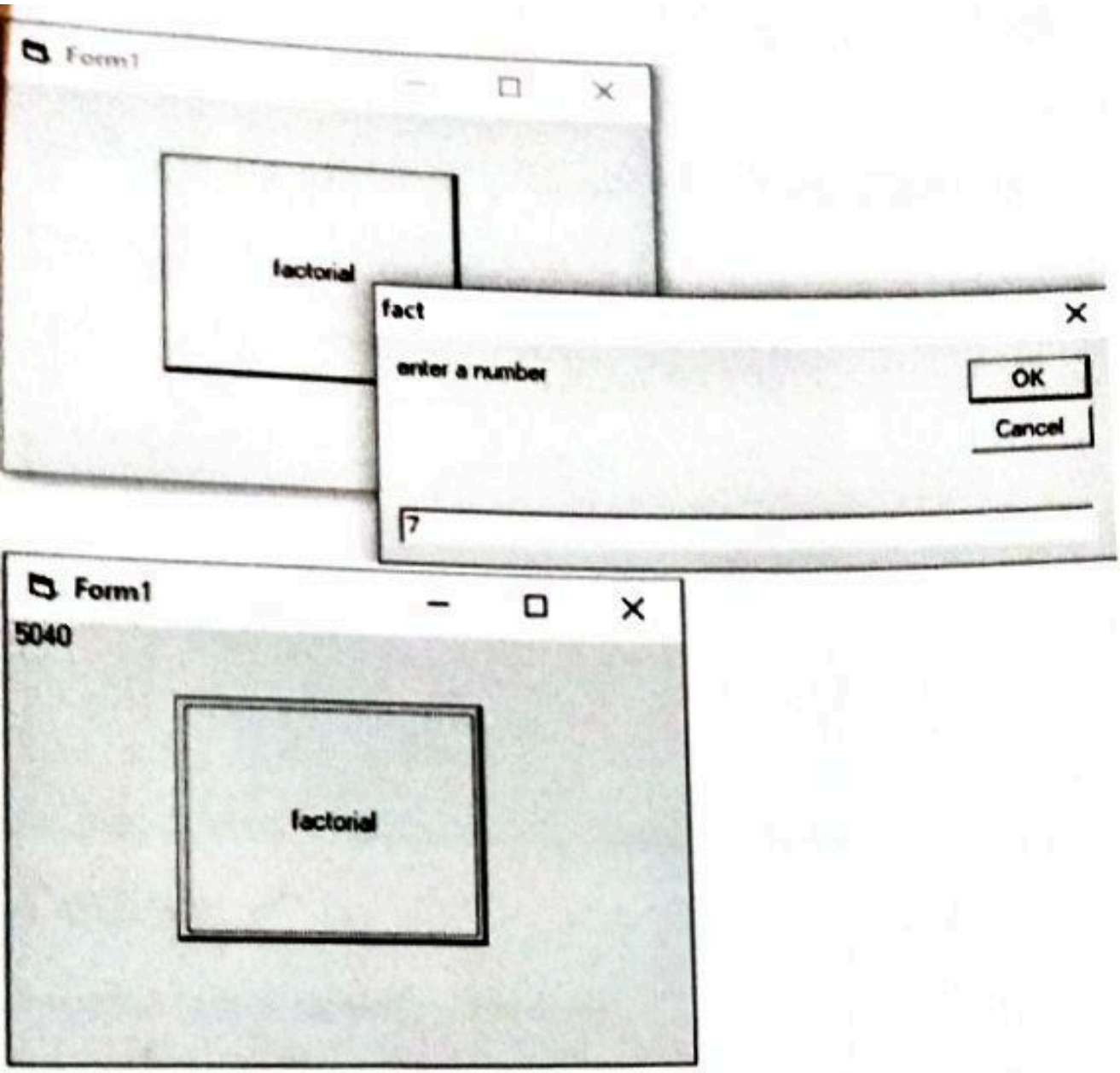
Design:



Coding:

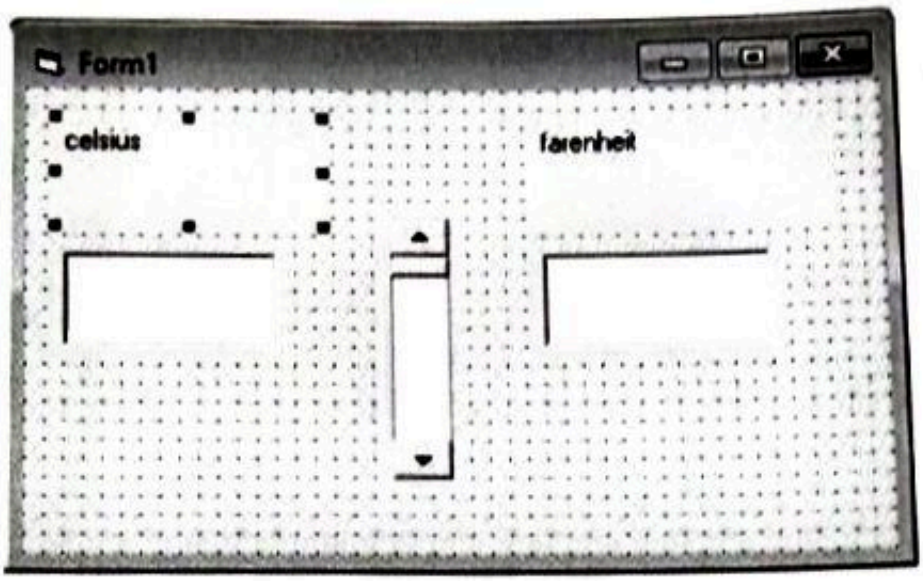
```
Private Sub Command1_Click()
Dim n As Integer
Dim i As Integer
Dim fct As Integer
fct = 1
n = InputBox("enter a number")
For i = 1 To n
fct = fct * i
Next i
Print fct
End Sub
```

Output:


Form1
factorial
fact
enter a number
OK
Cancel
7
Form1
5040
factorial

6. Wap to convert Fahrenheit to Celsius

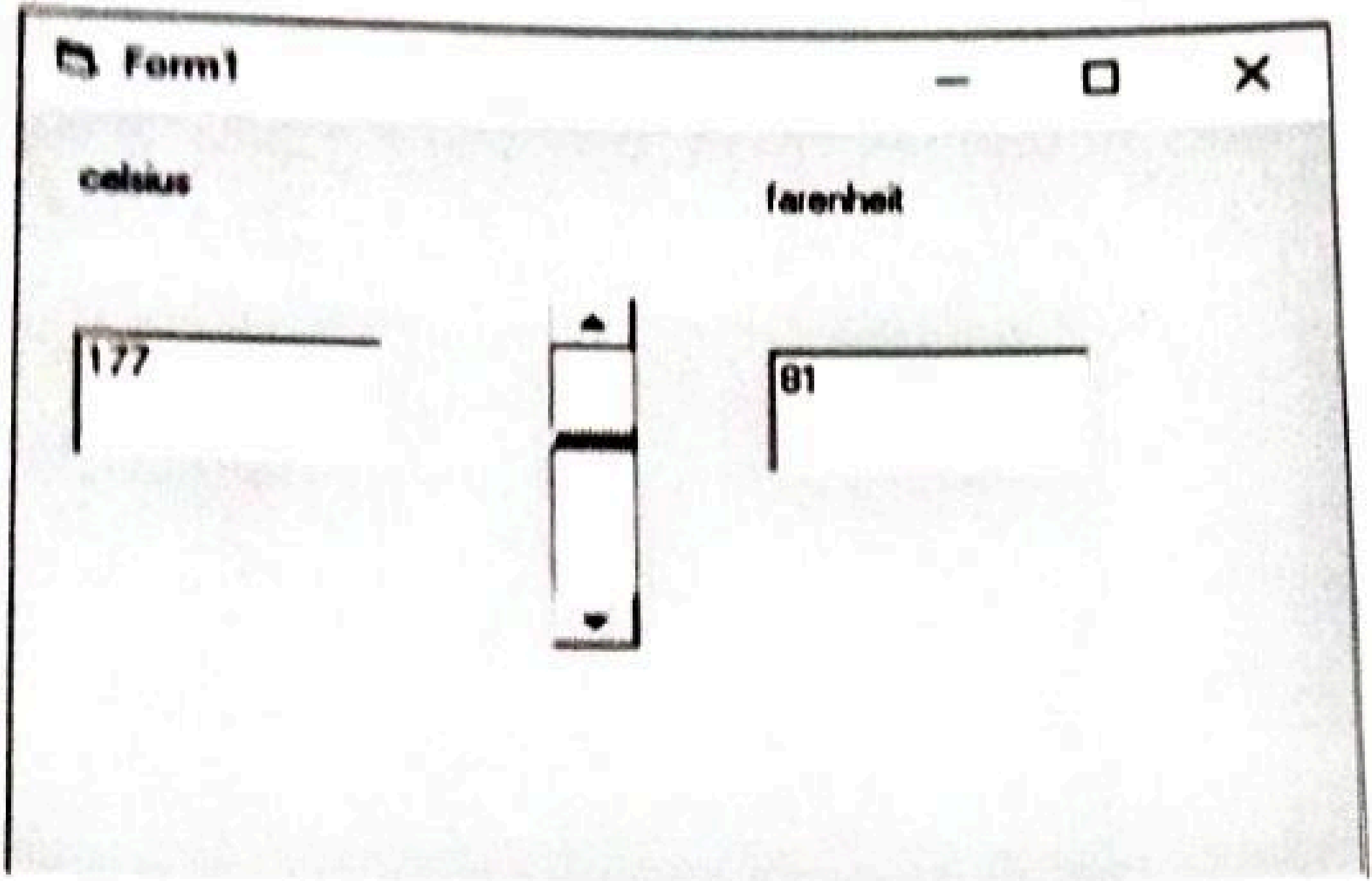
Design:



Coding:

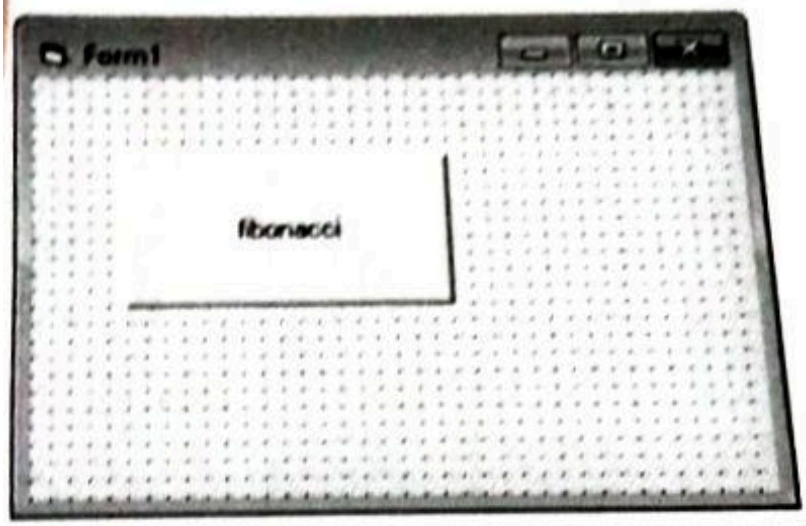
```
Private Sub VScroll1_Change()
Dim f As Integer
Dim c As Integer
f = VScroll1.Value
Text1.Text = f
c = (f - 32) * 5 / 9
Text2.Text = c
End Sub
```

Output:


Form1
celsius
177
farenheit
81

7. Wap to show Fibonacci series

Design:

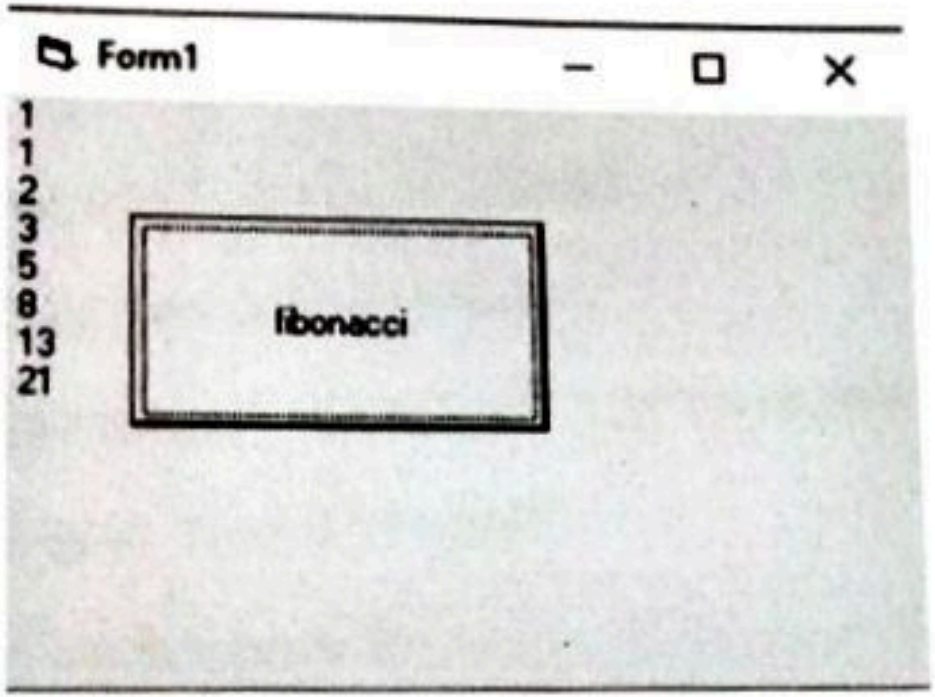


Coding:

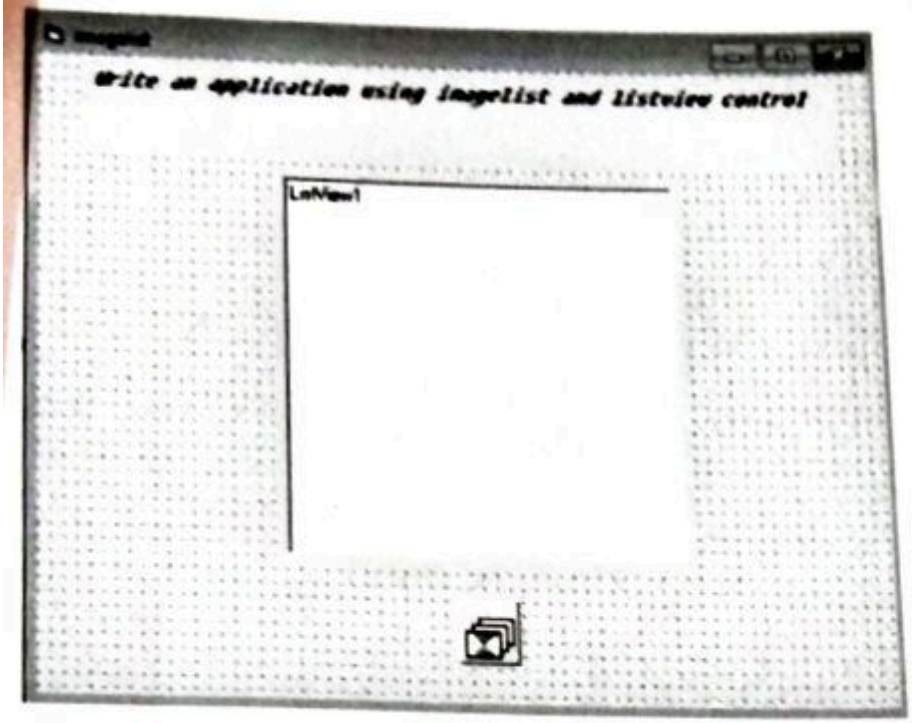
```
Private Sub Command1_Click()
Dim s As Integer
Dim s1 As Integer
Dim nxt As Integer
Dim n As Integer
Dim i As Integer
s = 0
s1 = 1
n = InputBox("enter a number")
For i = 1 To n
If i <= 1 Then
nxt = i
Else
```

```
nxt = s + s1
s = s1
s1 = nxt
End If
Print nxt
Next i
End Sub
```

Output:



Design:



Coding:

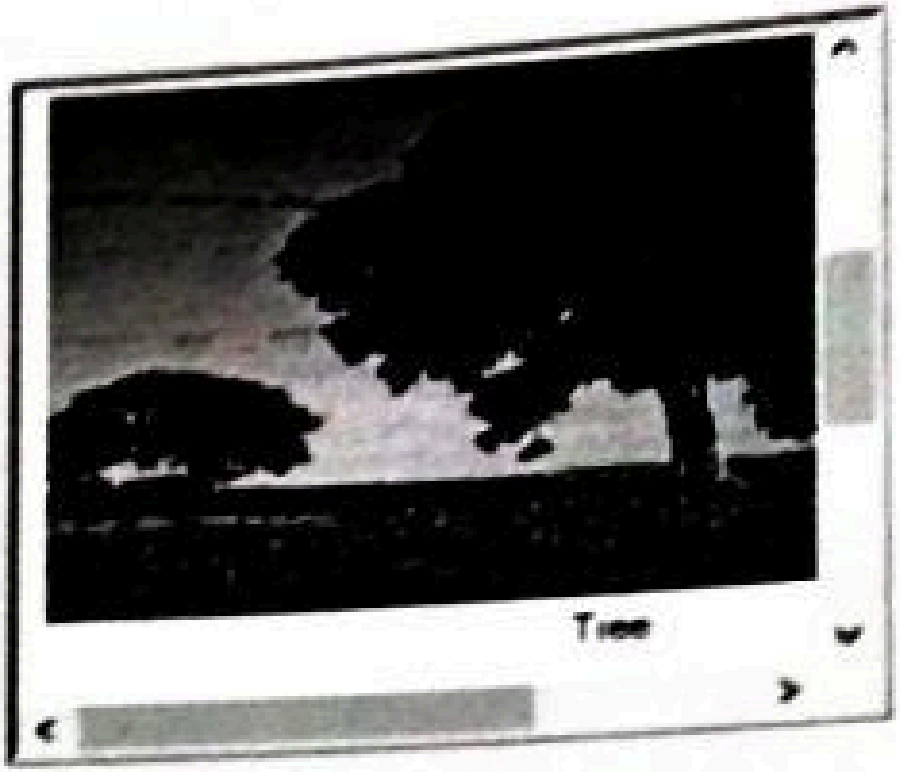
```
Private Sub Form_Load()
Dim item1 As ListItem
Set item1 = ListView1.ListItems.Add
item1.Text = "Forest"
item1.Icon = 1
Dim item2 As ListItem
Set item2 = ListView1.ListItems.Add
item2.Text = "Tree"
item2.Icon = 2
Dim item3 As ListItem
Set item3 = ListView1.ListItems.Add
item3.Text = "Waterfall"
item3.Icon = 3
```

```
End Sub
```

Output:

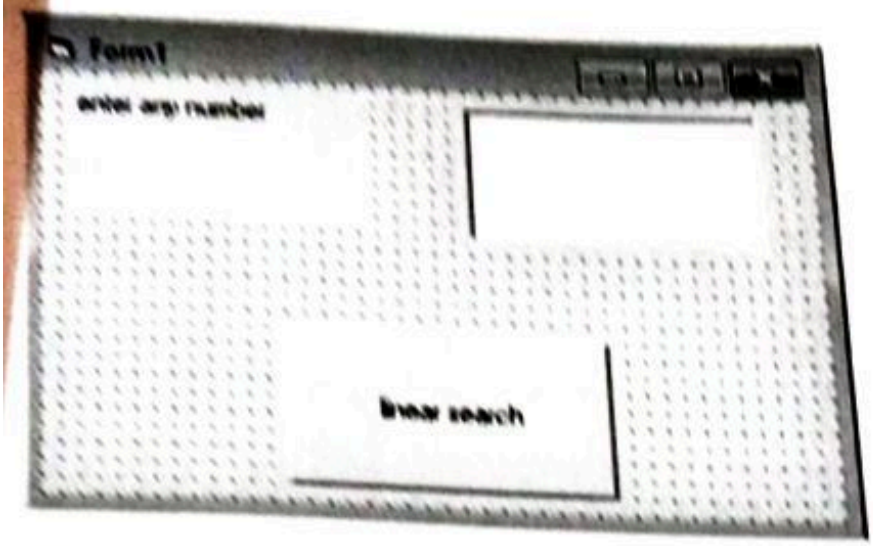
imagelist

Write an application using imagelist and listview control



9. Wap to show linear search

Design:

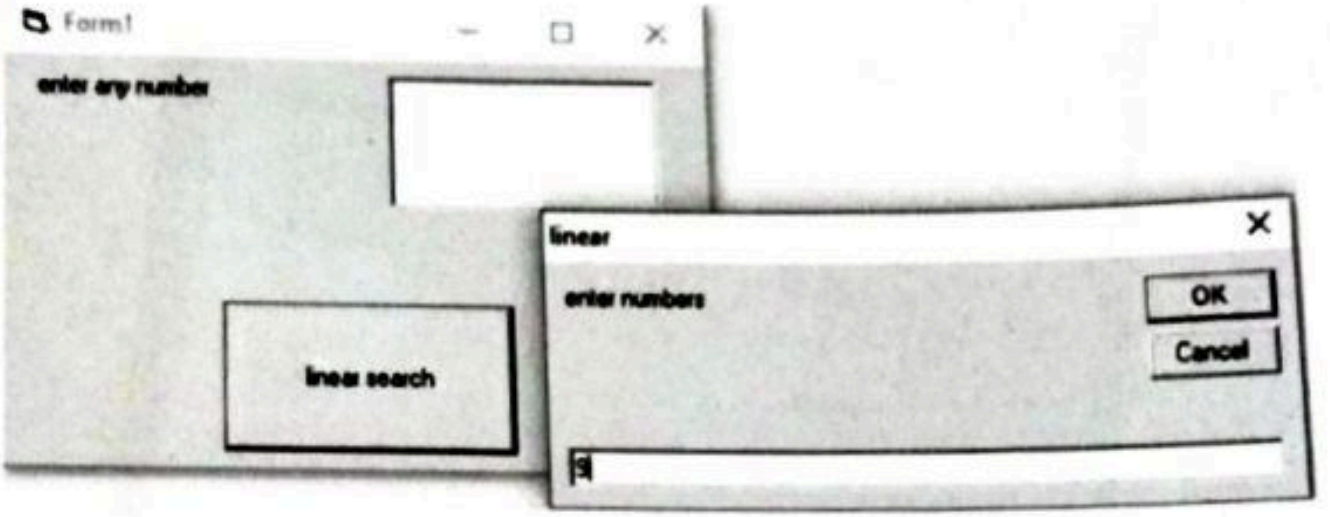


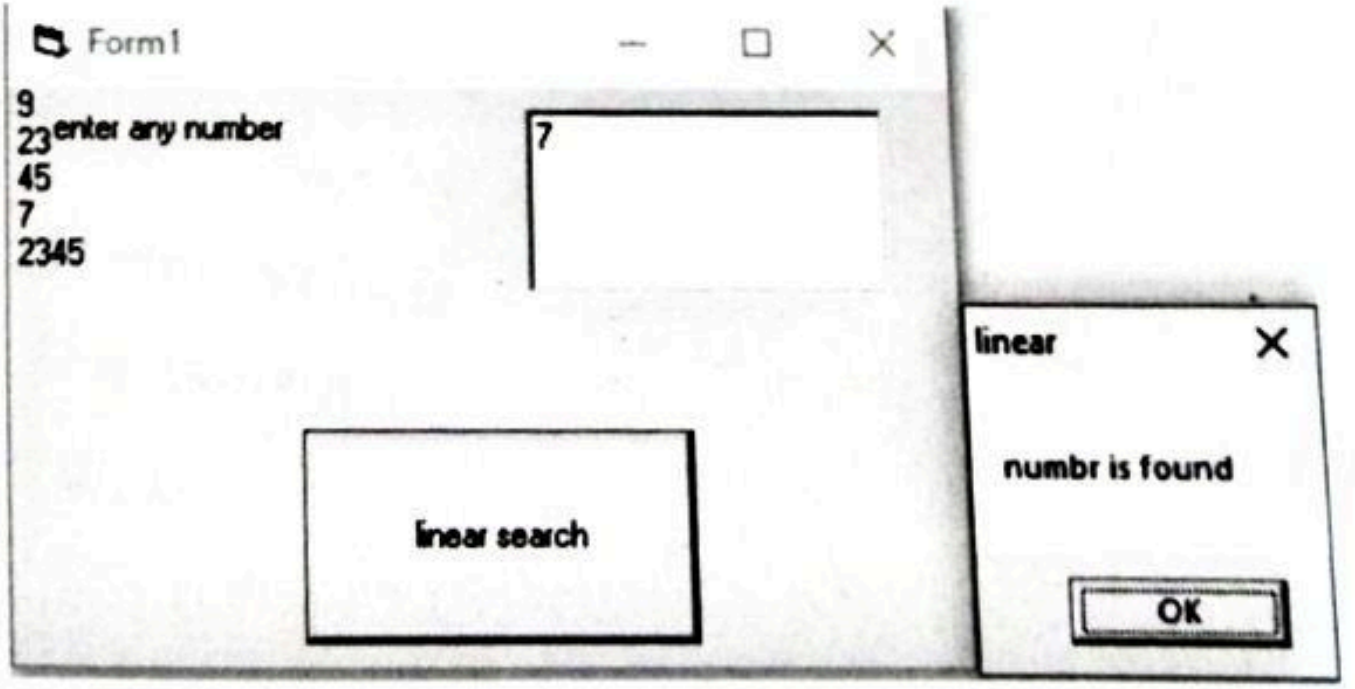
Coding:

```
Private Sub Command1_Click()
Dim a(10) As Integer
Dim i As Integer
Dim s As Integer
s = 0
For i = 0 To 4
a(i) = InputBox("enter numbers")
Print a(i)
Next i
For i = 0 To 4
If a(i) = Text1.Text Then
s = 1
MsgBox ("numbr is found")
End If
```

```
Next i
If s = 0 Then
MsgBox ("number is not found")
End If
End Sub
```

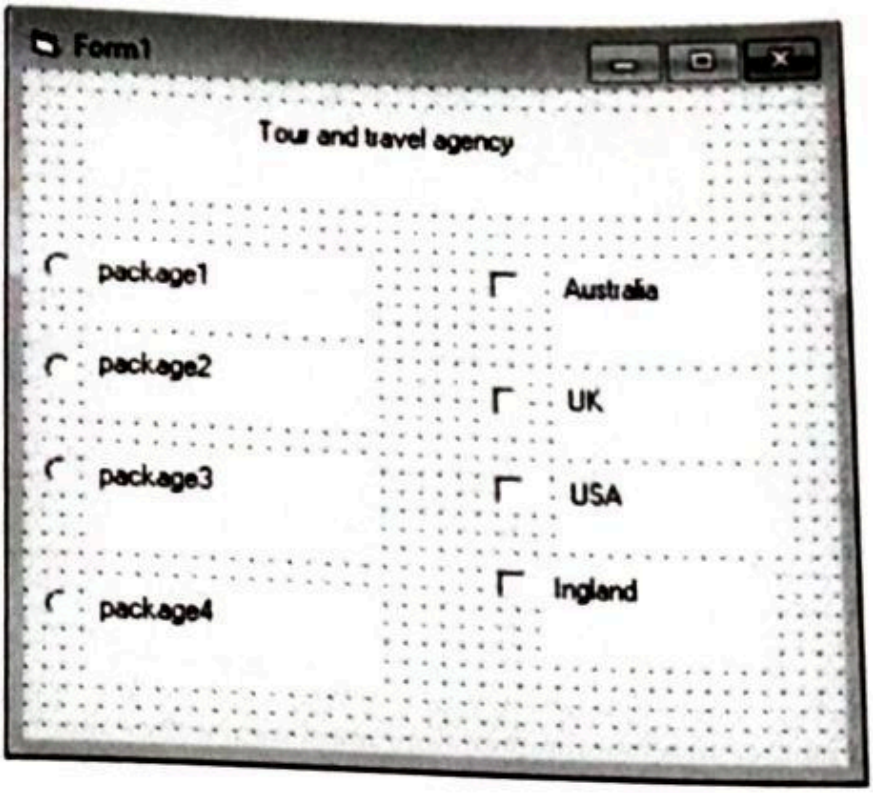
Output:





10. Wap to show option box

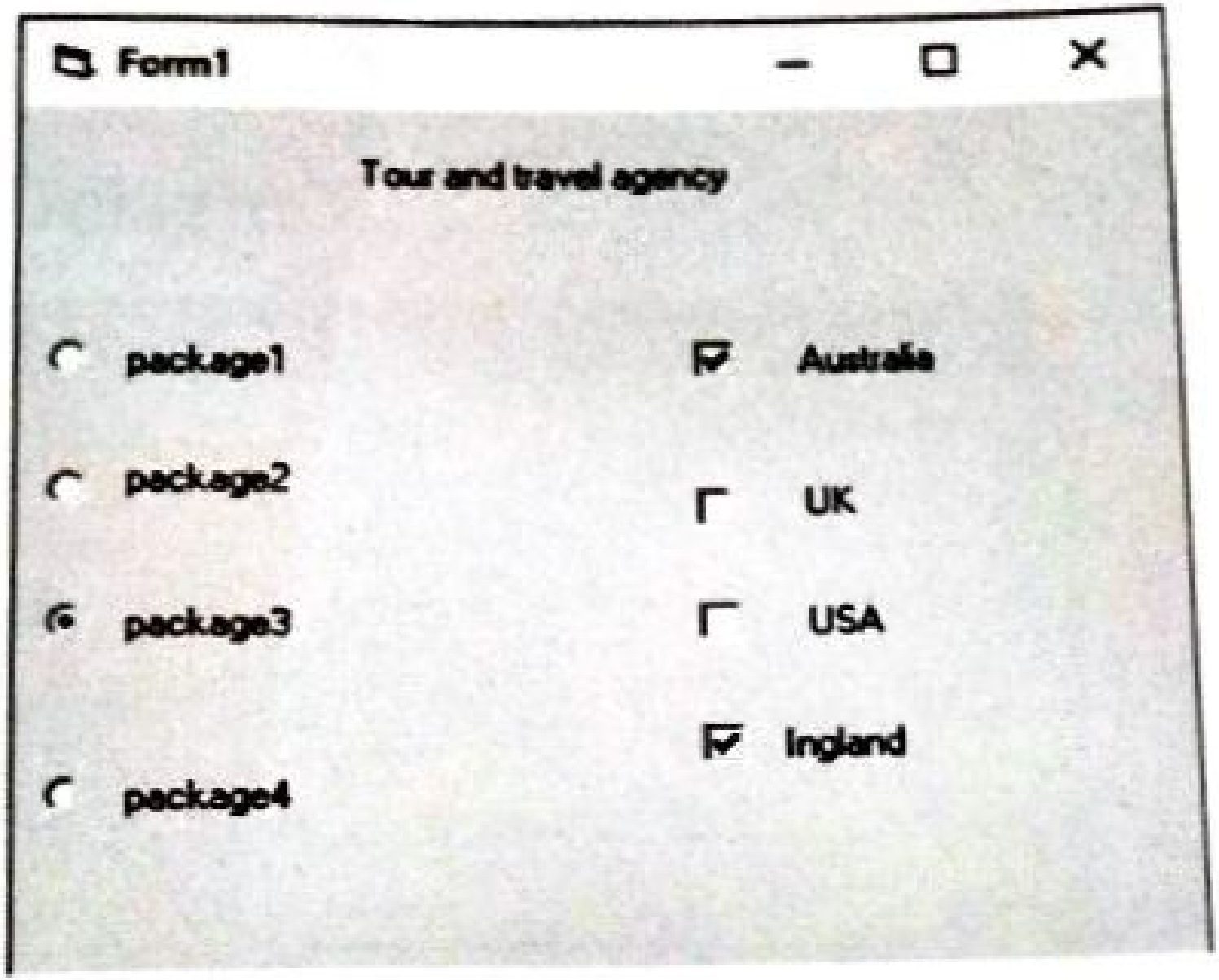
Design:



Coding:

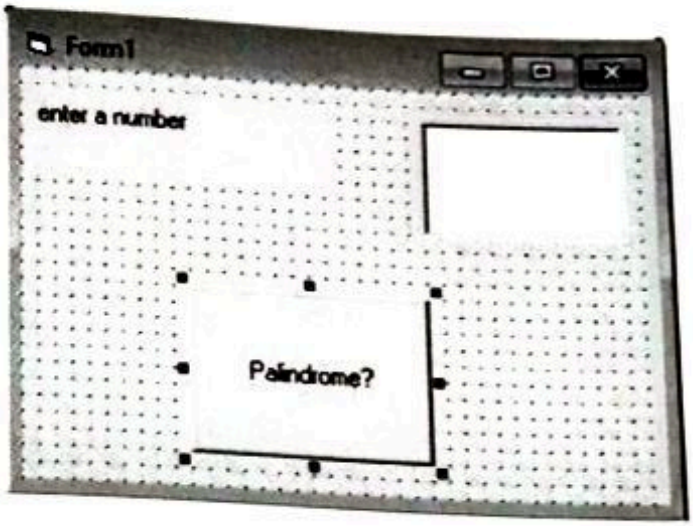
```
Private Sub Option1_Click()
Check1.Value = 1
Check2.Value = 0
Check3.Value = 1
Check4.Value = 1
End Sub

Private Sub Option2_Click()
Check1.Value = 0
Check2.Value = 0
Check3.Value = 1
```

```
Check4.Value = 1
End Sub

Private Sub Option3_Click()
Check1.Value = 1
Check2.Value = 0
Check3.Value = 0
Check4.Value = 1
End Sub

Private Sub Option4_Click()
Check1.Value = 0
Check2.Value = 1
Check3.Value = 0
Check4.Value = 1
End Sub
```


Form1
Tour and travel agency
package1
package2
package3
package4
Australia
UK
USA
England

11. Wap to show palindrome of a number

Design:

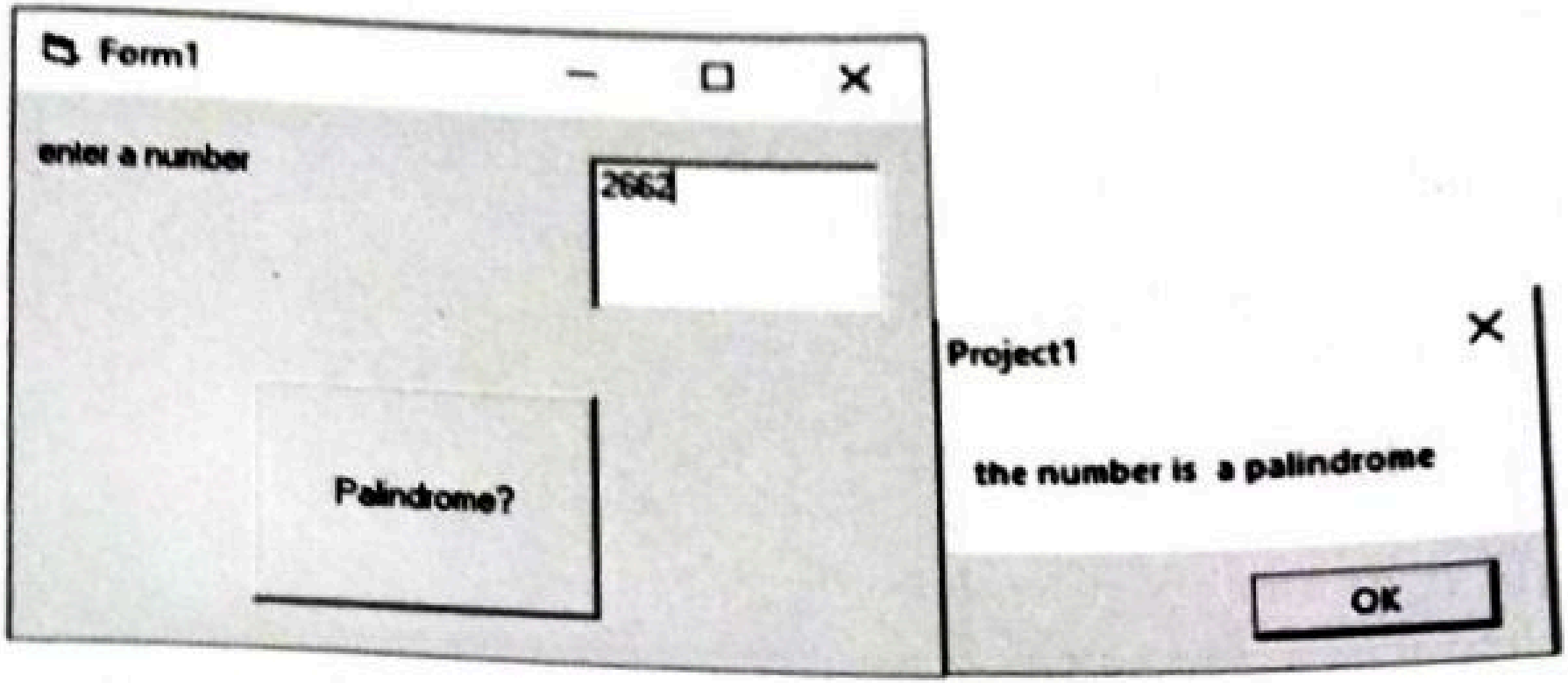


Coding:

```
Private Sub Command1_Click()
Dim digit As Long
Dim rnum As Long
rnum = 0
Do
digit = Text1.Text Mod 10
Text1.Text = Text1.Text \ 10
rnum = rnum * 10 + digit
Loop While (Text1.Text > 0)
If rnum = Text1.Text Then
MsgBox ("the number is  a palindrome")
Else
MsgBox ("the number is not a palindrome")
End If
```

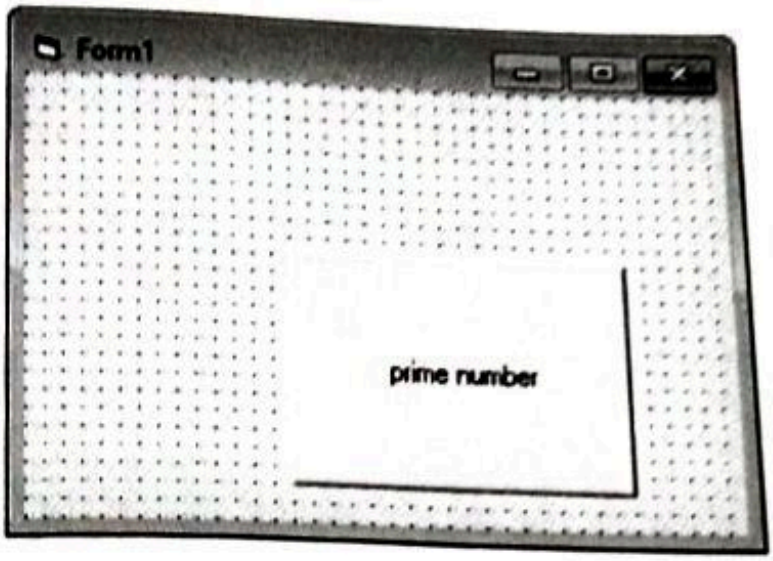
End Sub

Output:



12. Wap to show is prime number

Design

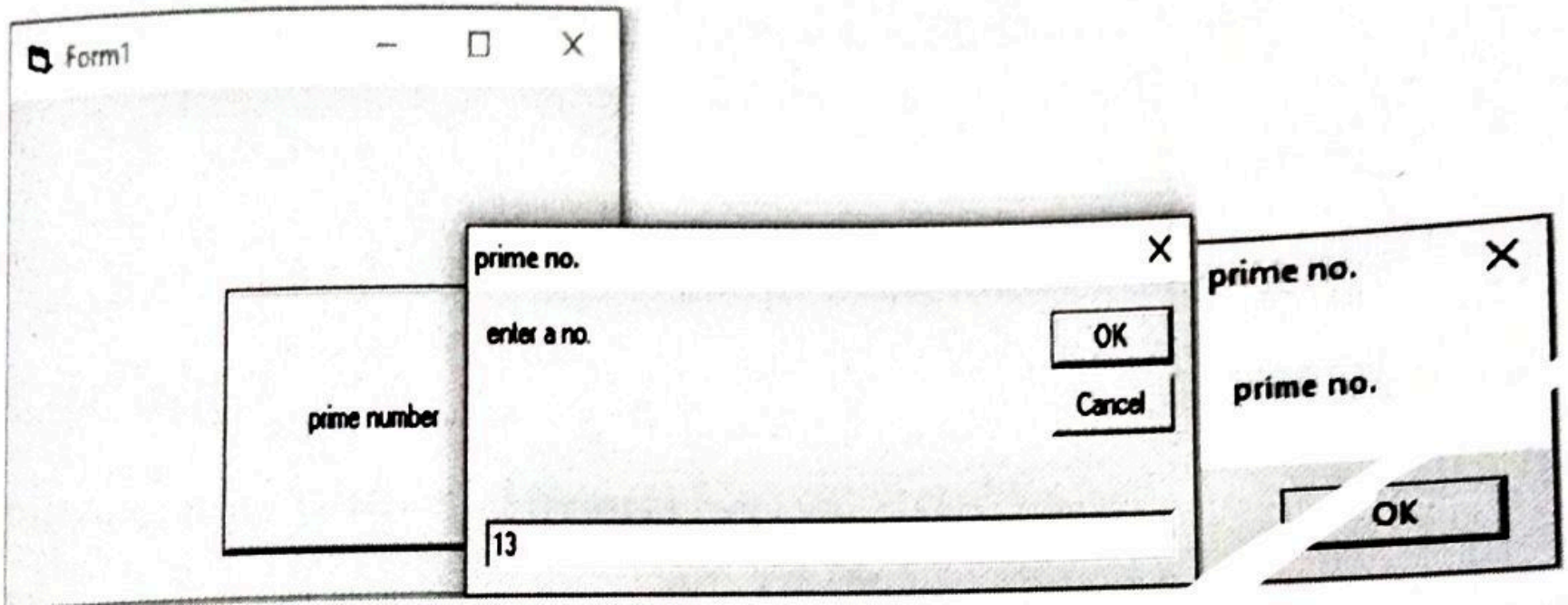


Coding

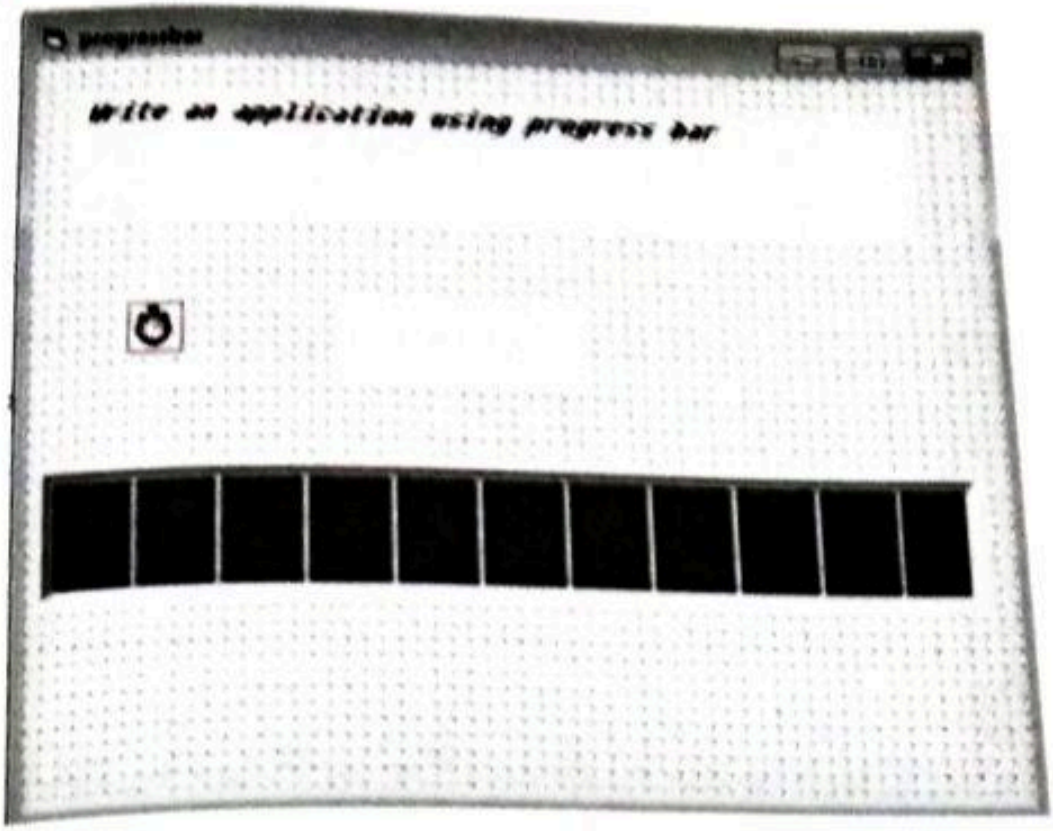
```
Private Sub Command1_Click()
Dim n As Integer
Dim i As Integer
Dim p As Integer
p = 0
n = InputBox("enter a no.")
For i = 2 To n - 1
If (n Mod i = 0) Then
p = 1
End If
Next i
If p = 1 Then
```

```
MsgBox ("not a prime no.")
Else
MsgBox ("prime no.")
End If
End Sub
```

Output



Design:



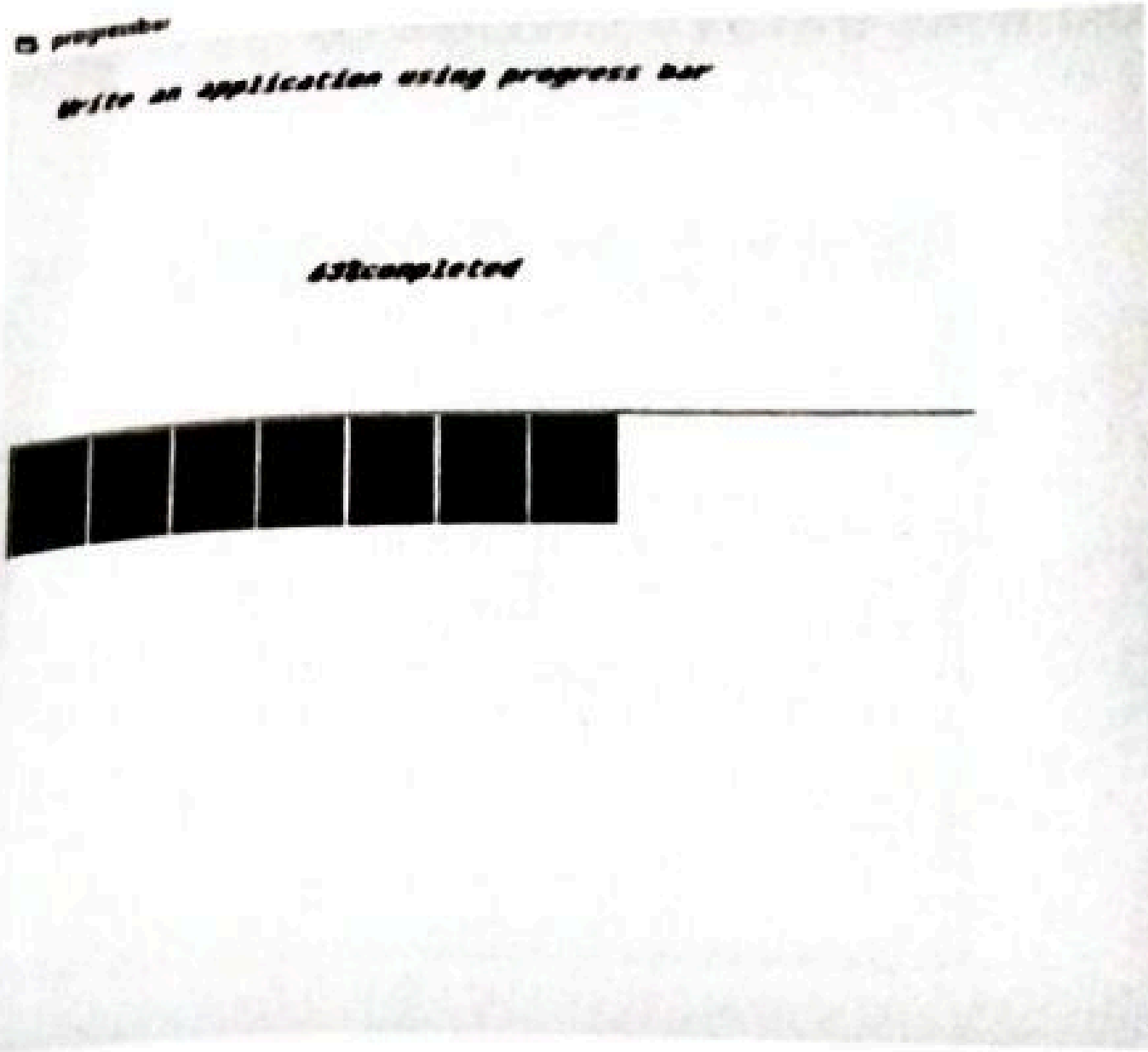
Coding:

```
Private Sub Timer1_Timer()

ProgressBar1.Value = ProgressBar1.Value + 1

Label1.Caption = ProgressBar1.Value & "%completed"

If ProgressBar1.Value = 100 Then

End

End If

End Sub
```

Output:

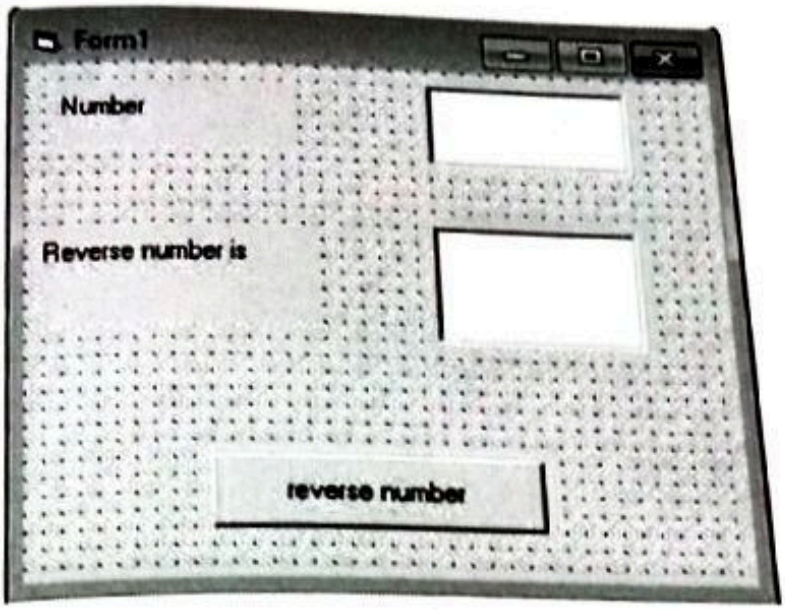
5 program

Write an application using progress bar



14. Wap to show reverse of a number

Design:

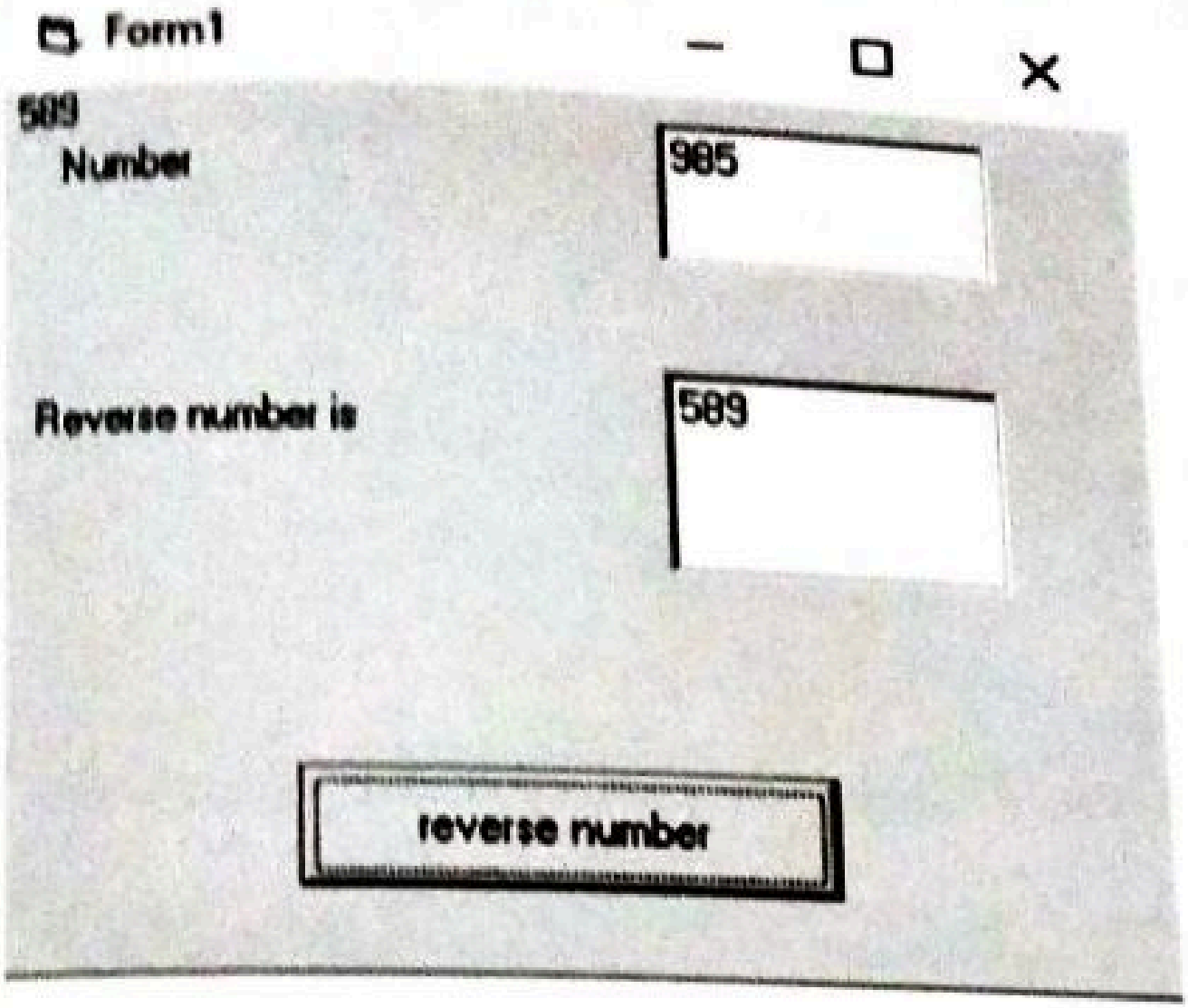


Coding:

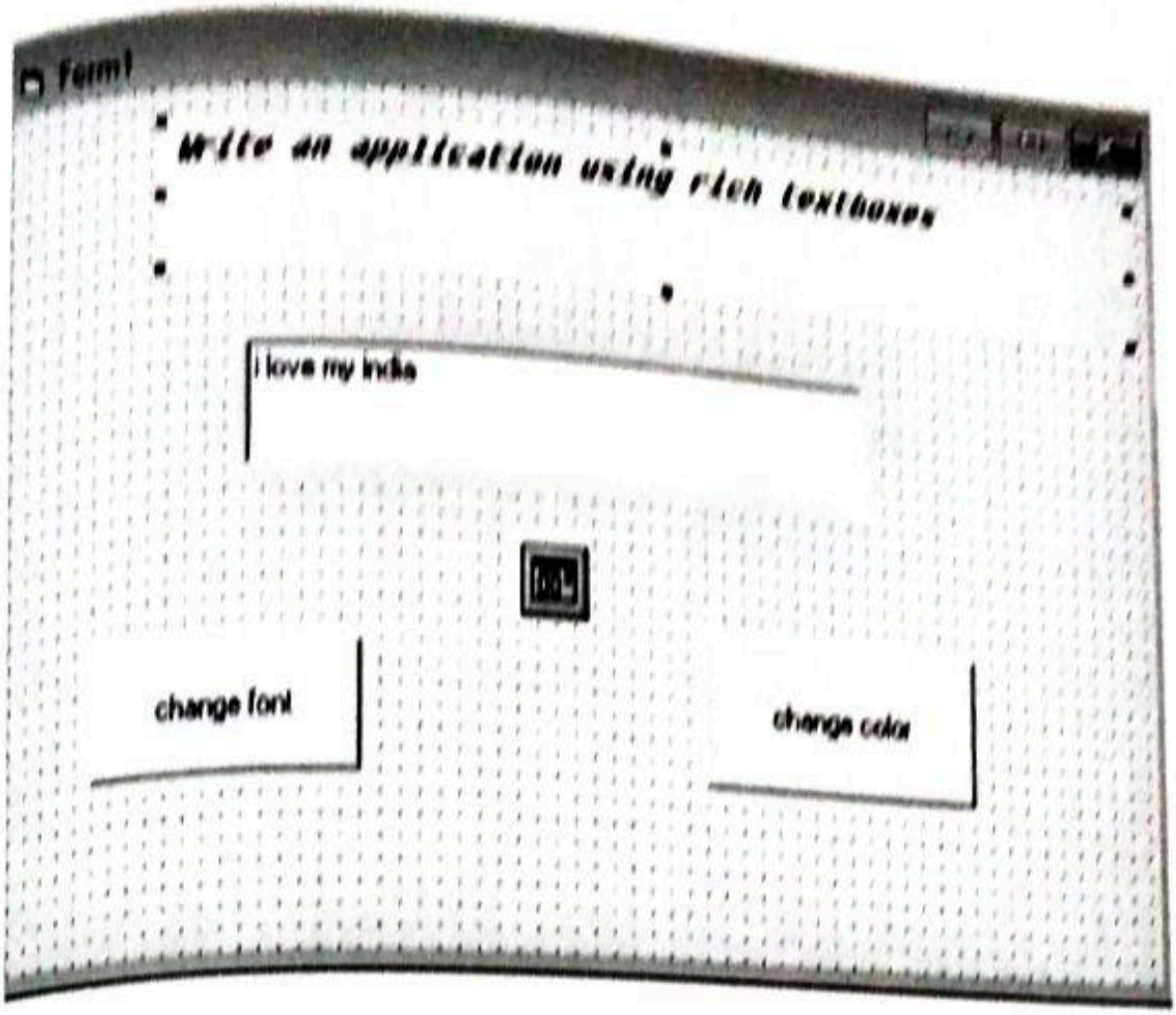
```
Private Sub Command1_Click()
Dim i As Integer
Dim s As Integer
Dim rvrs As Integer
rvrs = 0
s = 0
i = Val(Text1.Text)
While (i <> 0)
s = i Mod 10
rvrs = rvrs * 10 + s
i = i \ 10
Wend
```

```
Text2.Text = rvrs

Print rvrs

End Sub
```

Output:



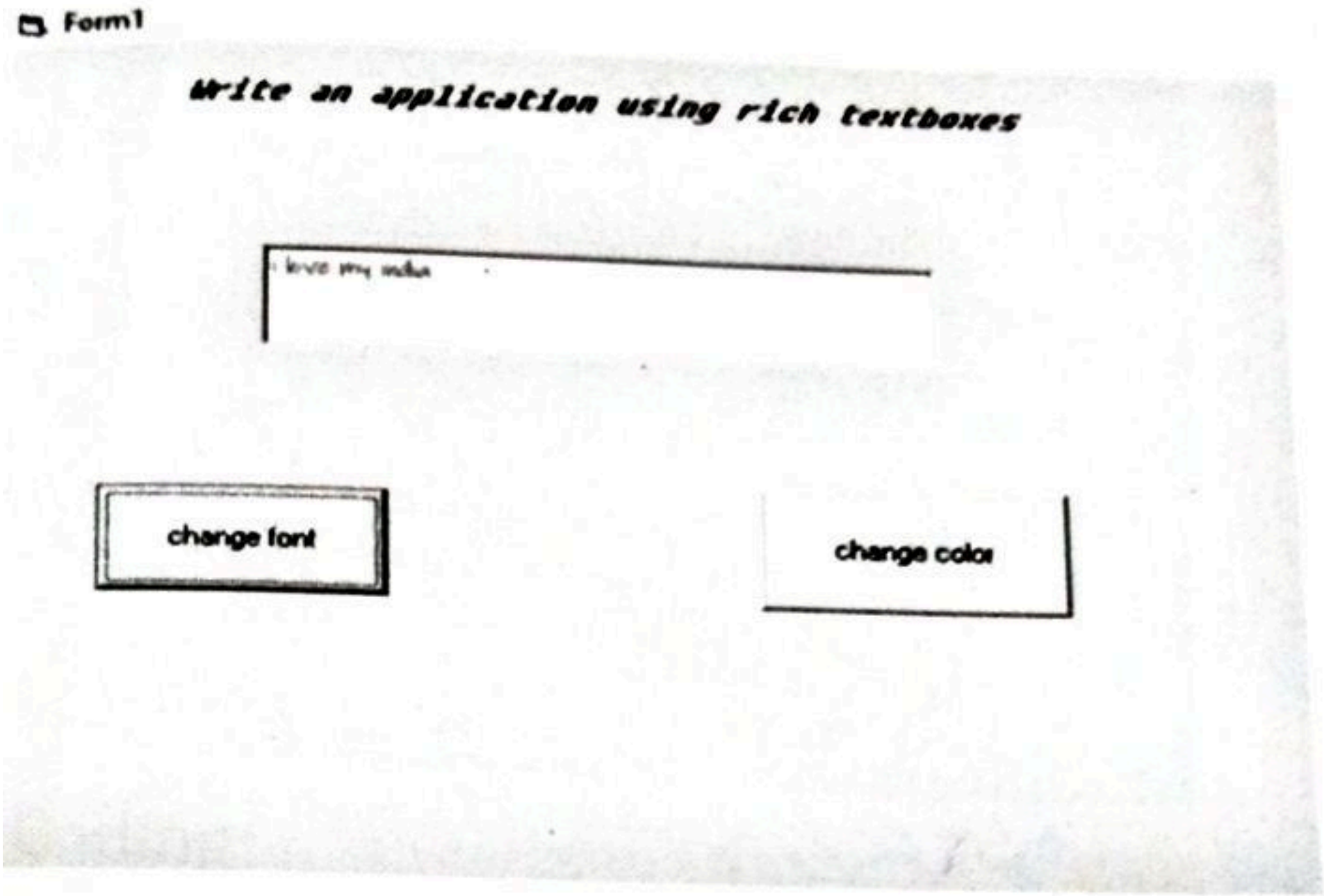
Design:



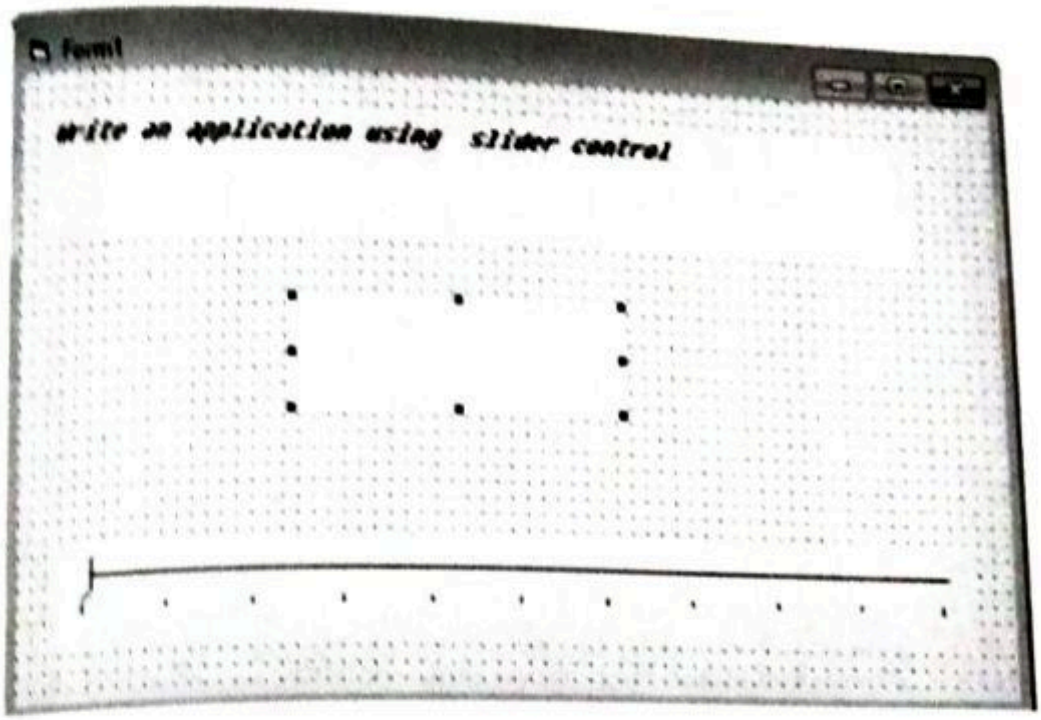
Coding:

```
Private Sub cmdcolor_Click()
CommonDialog1.showcolor
RichTextBox1.SelColor = CommonDialog1.Color
End Sub

Private Sub cmdfont_Click()
CommonDialog1.showfont
RichTextBox1.SelFontName = CommonDialog1.FontName
End Sub
```

Output:


Form1
Write an application using rich textboxes
change font
change color

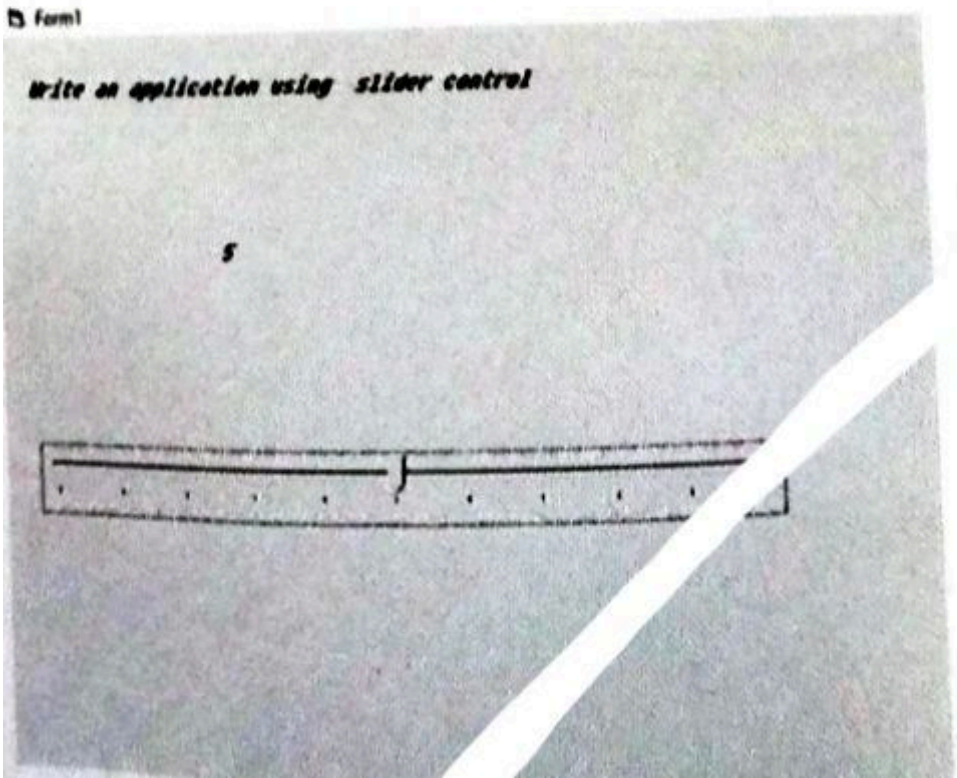
Design:



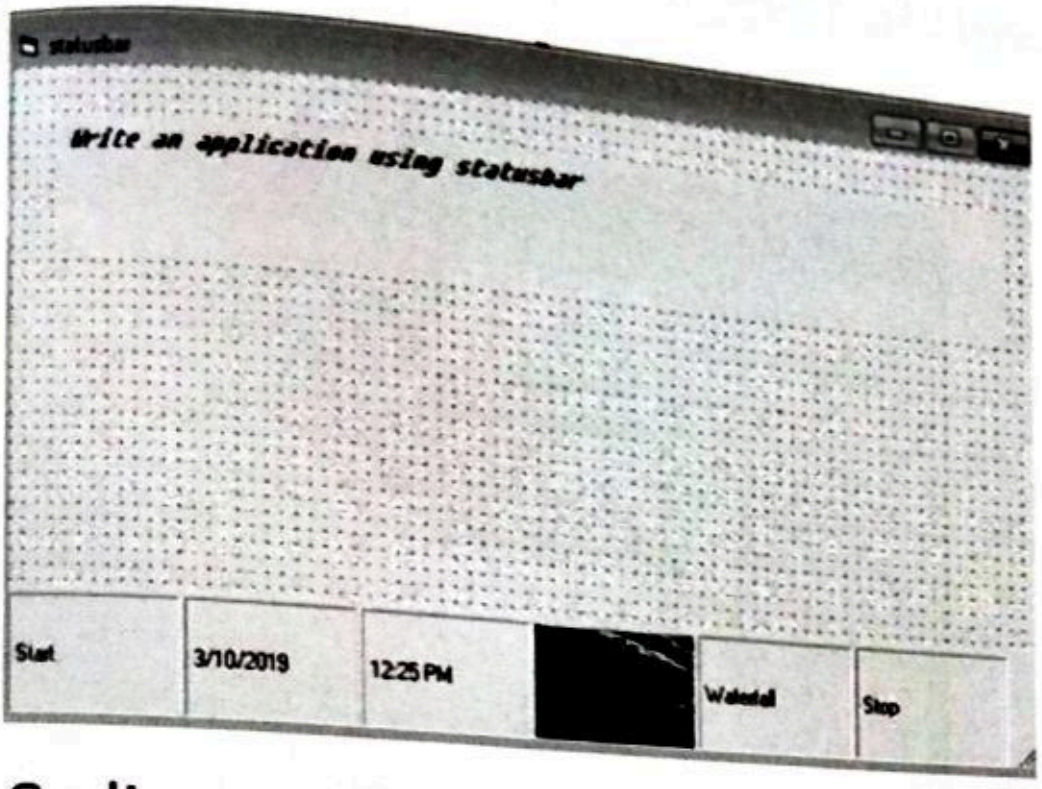
Coding:

```
Private Sub Slider1_Click()

Label1.Caption = Slider1.Value

End Sub
```

Output:



Design:



Coding:

```
Private Sub StatusBar1_PanelClick(ByVal Panel As
MSComctlLib.Panel)

MsgBox ("This is a status bar")

End Sub
```

Output: