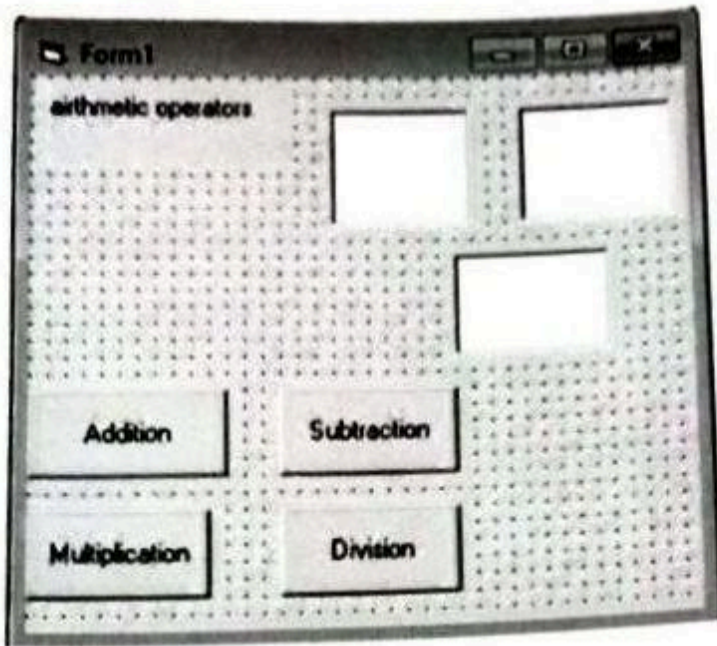


1. Wap to show arithmetic operator

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

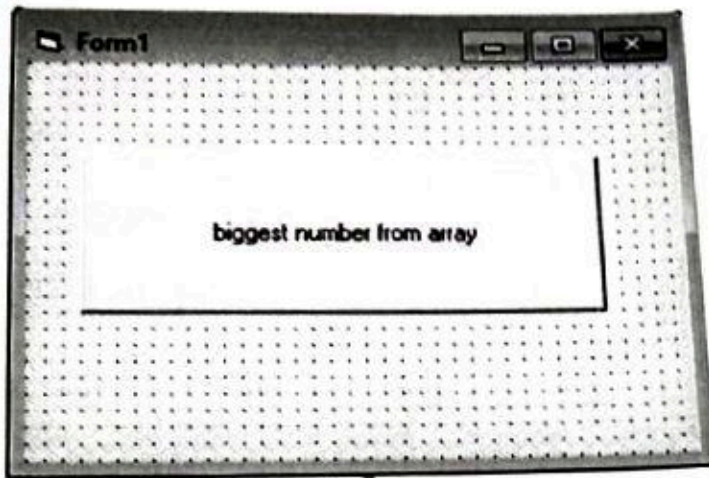
45	9
----	---

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)

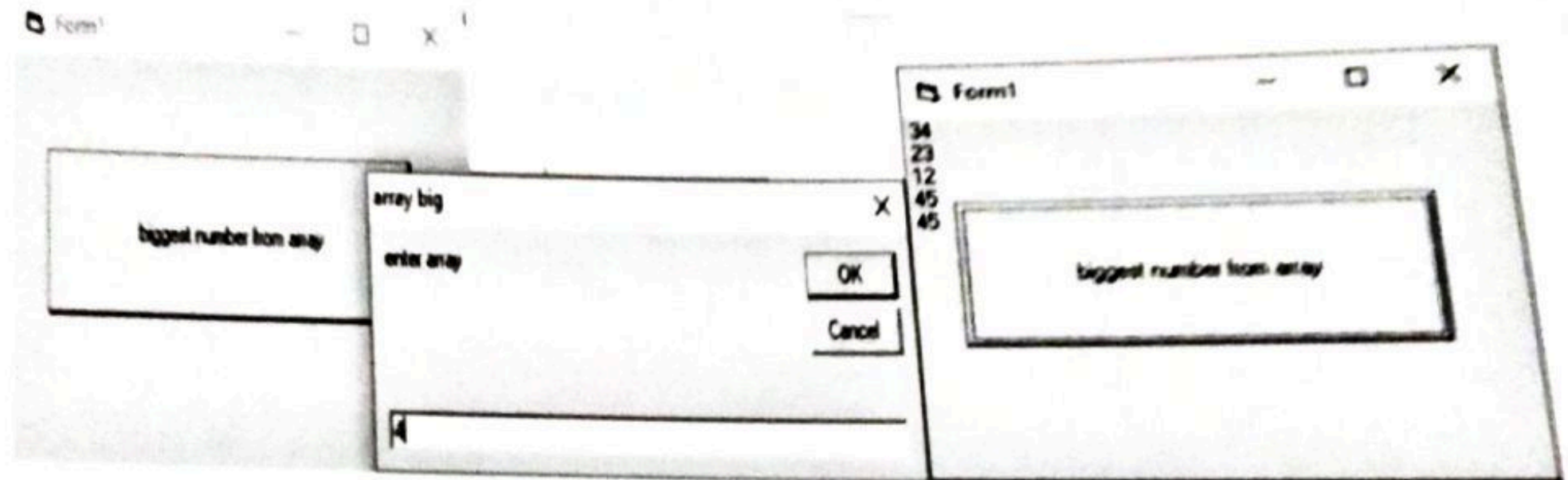
End If

Next i

Print greater

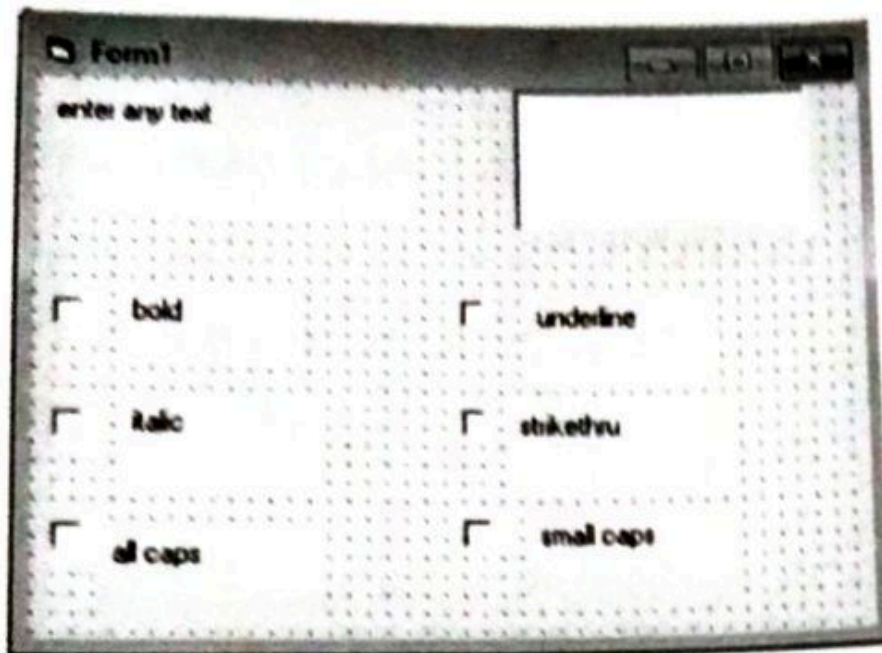
End Sub

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()
```

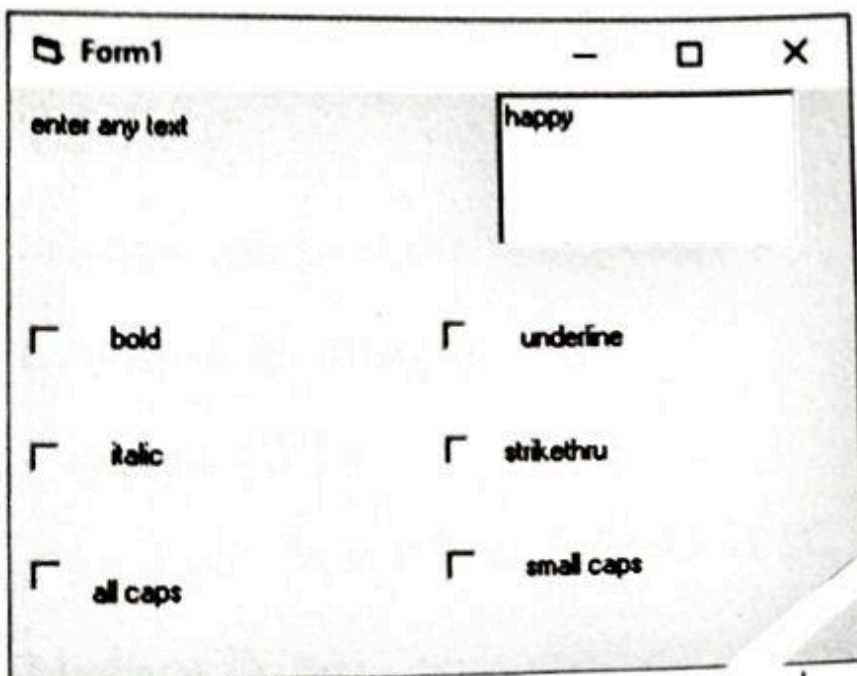
```
If Check6.Value = 1 Then
```

```
Text1.Text = LCase(Text1.Text)
```

```
End If
```

```
End Sub
```

Output:



Form1

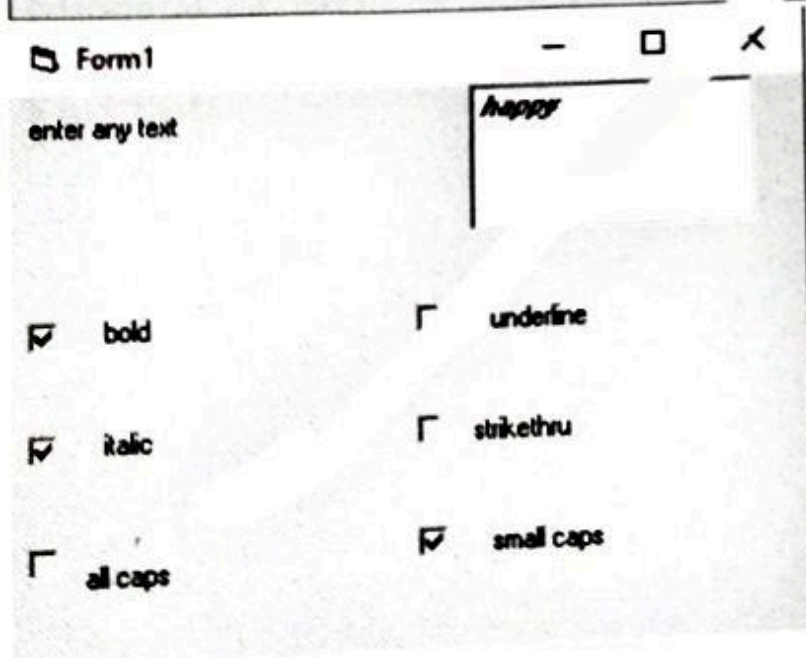
enter any text

happy

☐ bold ☐ underline

☐ italic ☐ strikethru

☐ all caps ☐ small caps



Form1

enter any text

happy

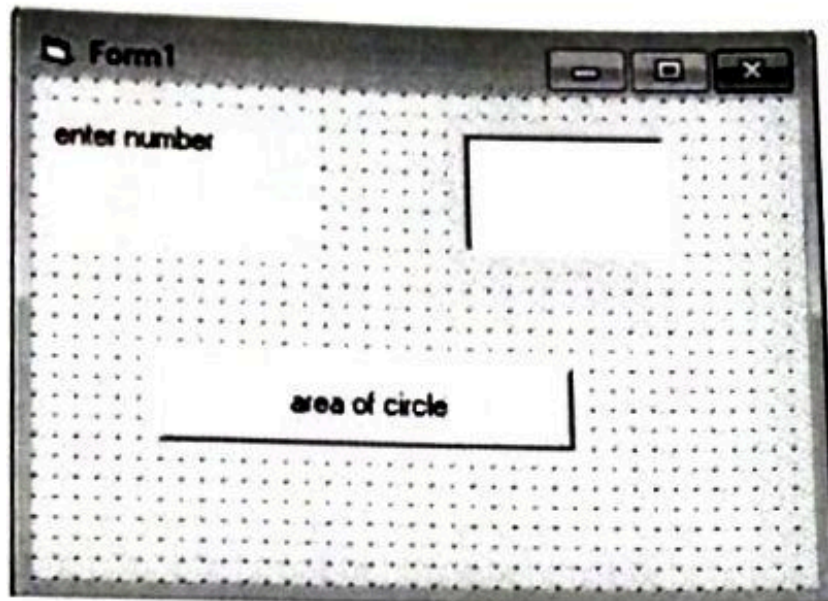
☒ bold ☐ underline

☒ italic ☐ strikethru

☐ all caps ☒ small caps

4. Wap to calculate area of circle

Design:

The image shows a screenshot of a Windows application window titled "Form1". The window has a standard Windows XP-style title bar with minimize, maximize, and close buttons. The main area of the form has a light gray background with a fine grid of small dots. There are two text boxes on the form. The first text box is located in the upper left quadrant and is labeled "enter number" in a black font. The second text box is located in the lower center and is labeled "area of circle" in a black font. Both text boxes are empty.

Coding:

```
Private Sub Command1_Click()
```

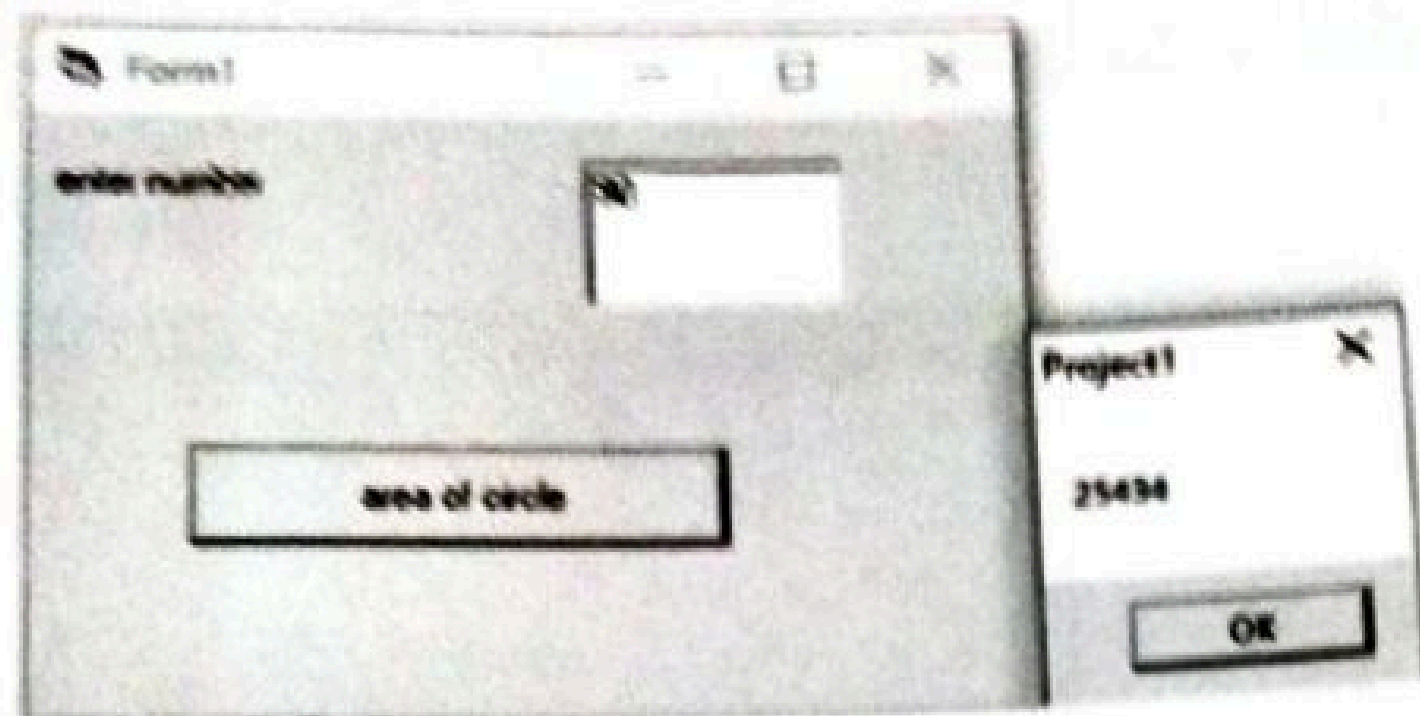
```
Dim area As Integer
```

```
Const pi = 3.14
```

```
area = pi * Text1.Text * Text1.Text
```

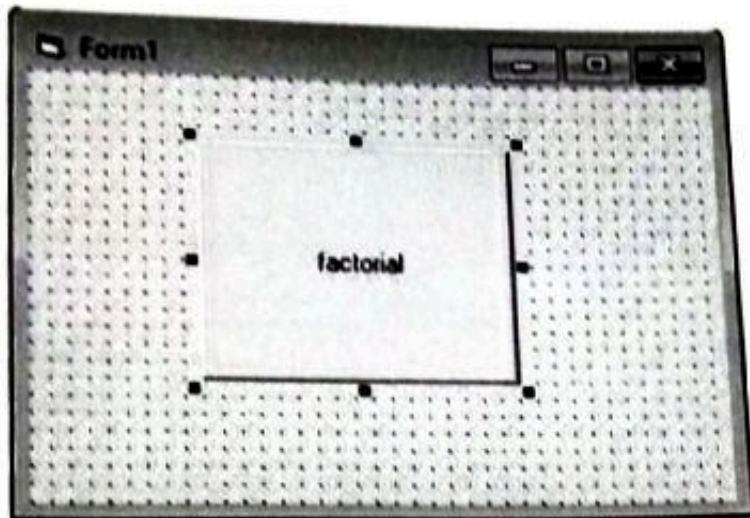
```
MsgBox (area)
```

```
End Sub
```



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
```

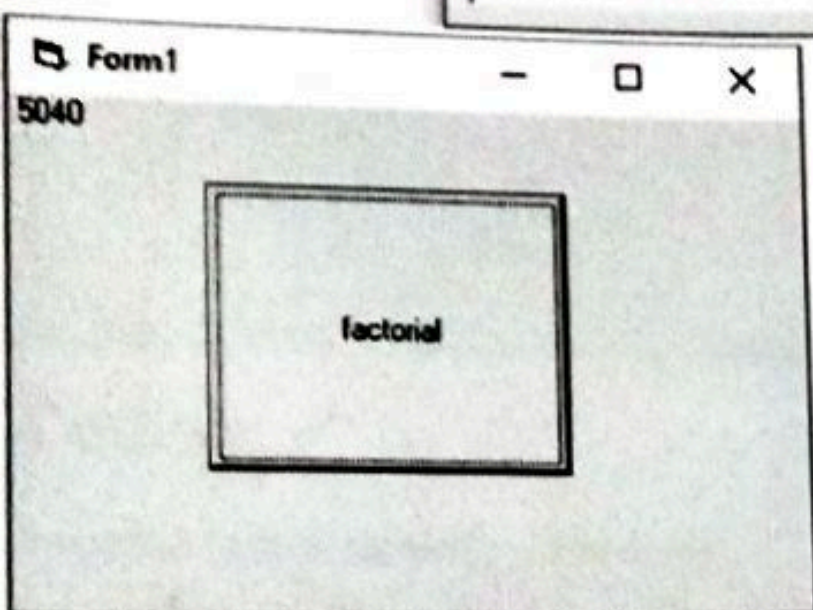
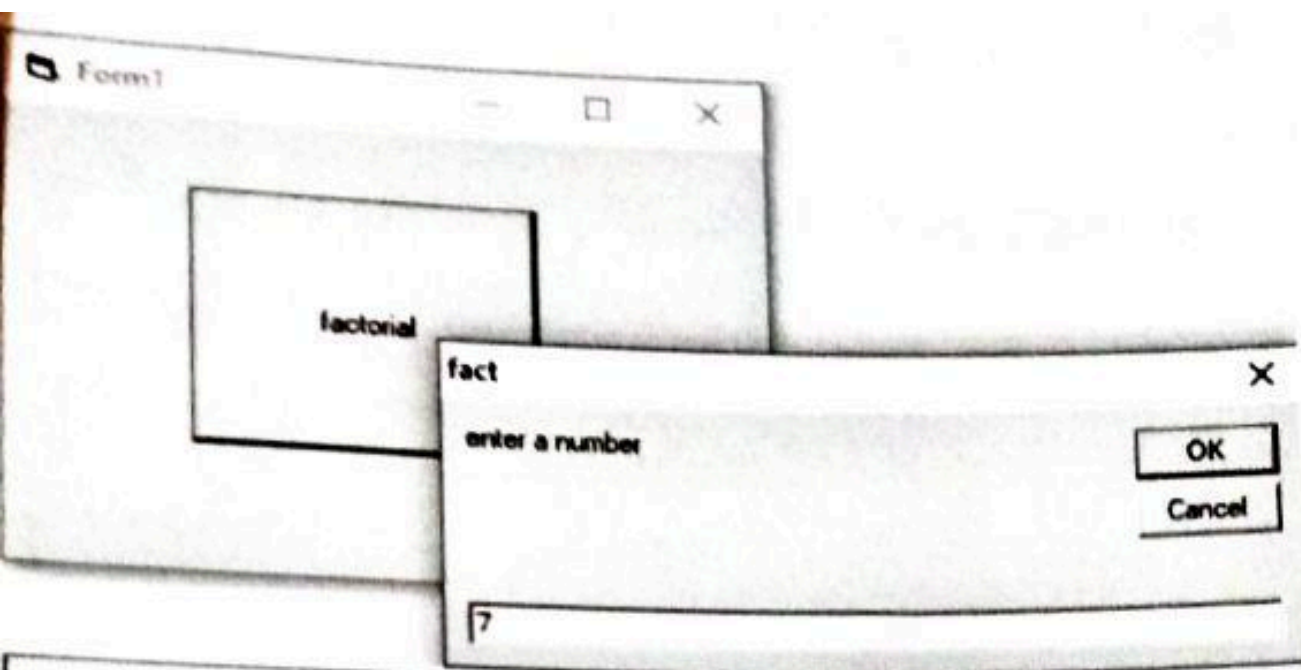
```
fct = fct * i
```

```
Next i
```

```
Print fct
```

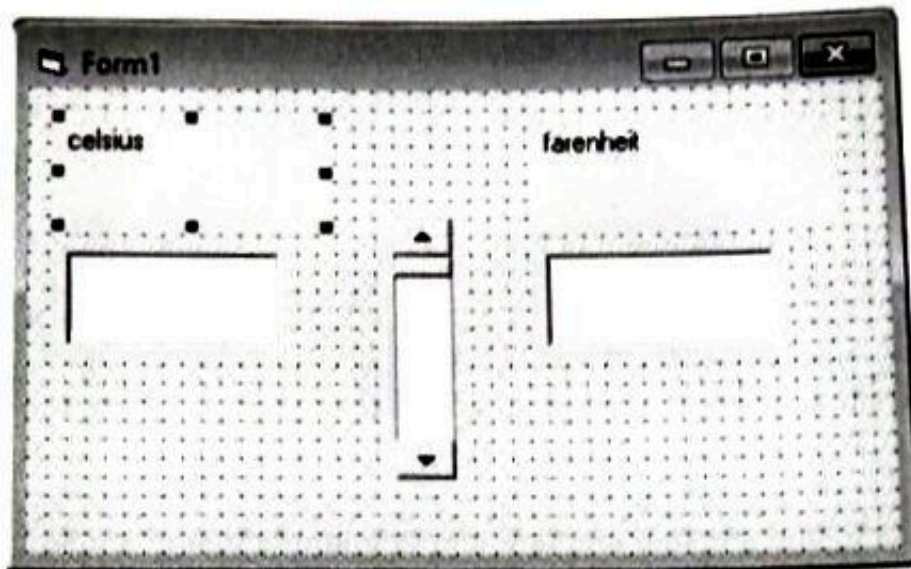
```
End Sub
```

Output:



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

fahrenheit

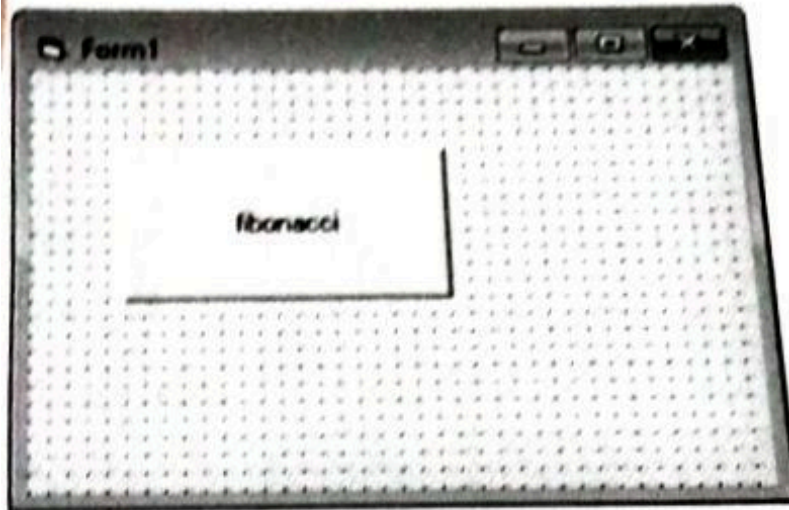
177



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
```

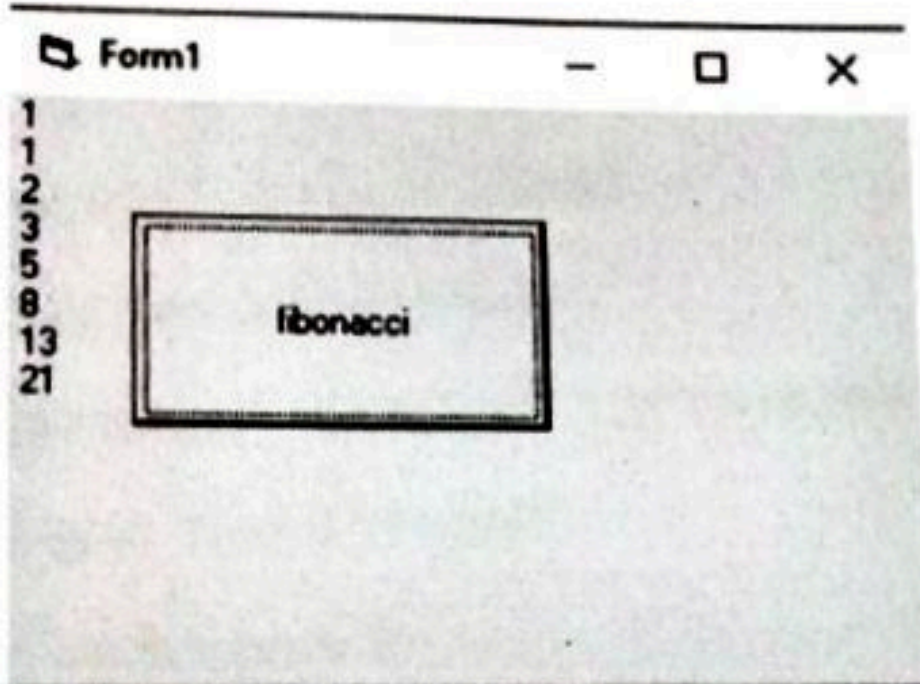
```
End If
```

```
Print nxt
```

```
Next i
```

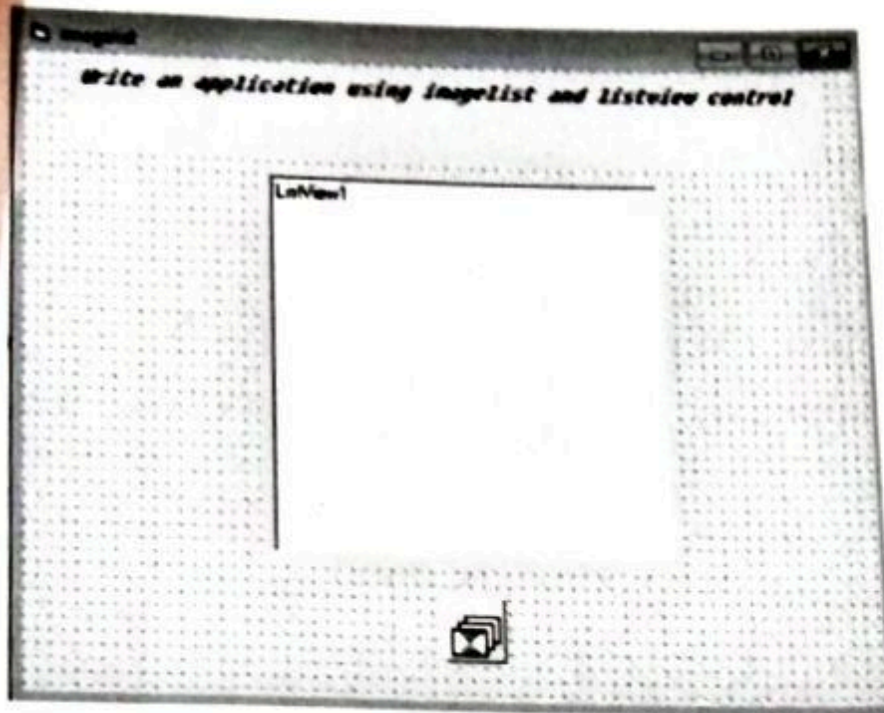
```
End Sub
```

Output:



The screenshot shows a Windows application window titled "Form1". Inside the window, the Fibonacci sequence is displayed vertically on the left side: 1, 1, 2, 3, 5, 8, 13, 21. To the right of this list is a rectangular box with a double border containing the word "fibonacci".

Design:



Coding:

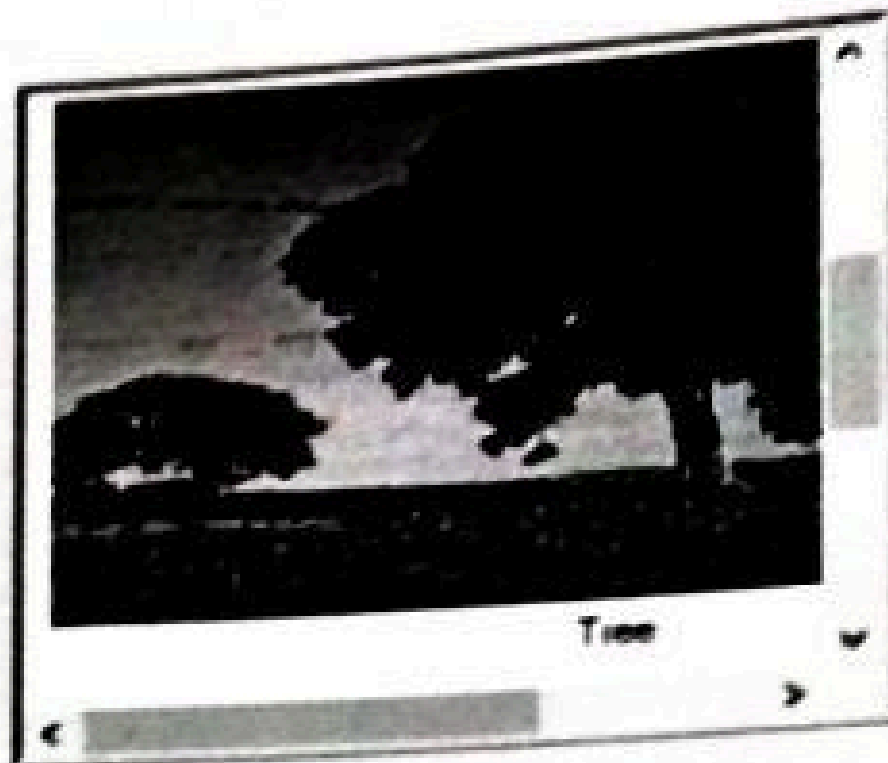
```
Private Sub Form_Load()  
    Dim item1 As ListItem  
    Set item1 = ListView1.ListItems.Add  
    item1.Text = "Forest"  
    item1.Icon = 1  
    Dim item2 As ListItem  
    Set item2 = ListView1.ListItems.Add  
    item2.Text = "Tree"  
    item2.Icon = 2  
    Dim item3 As ListItem  
    Set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

End Sub

Output:

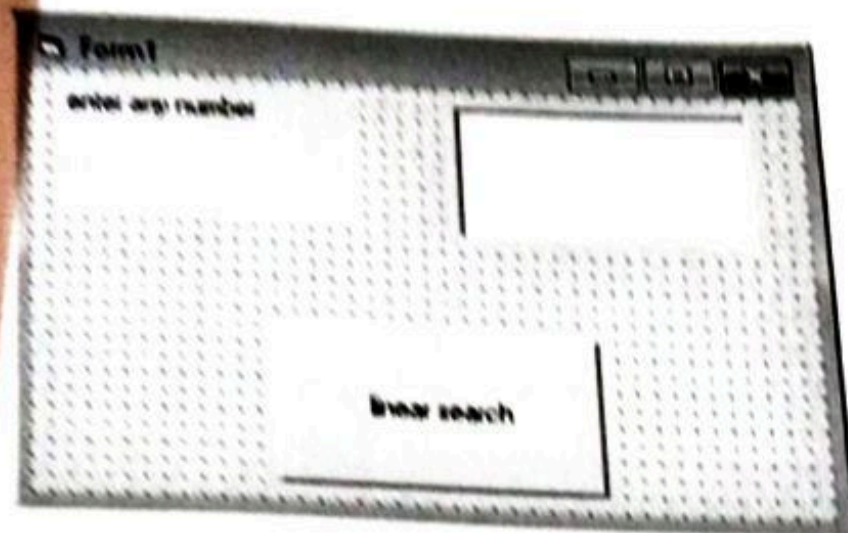
image1st

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

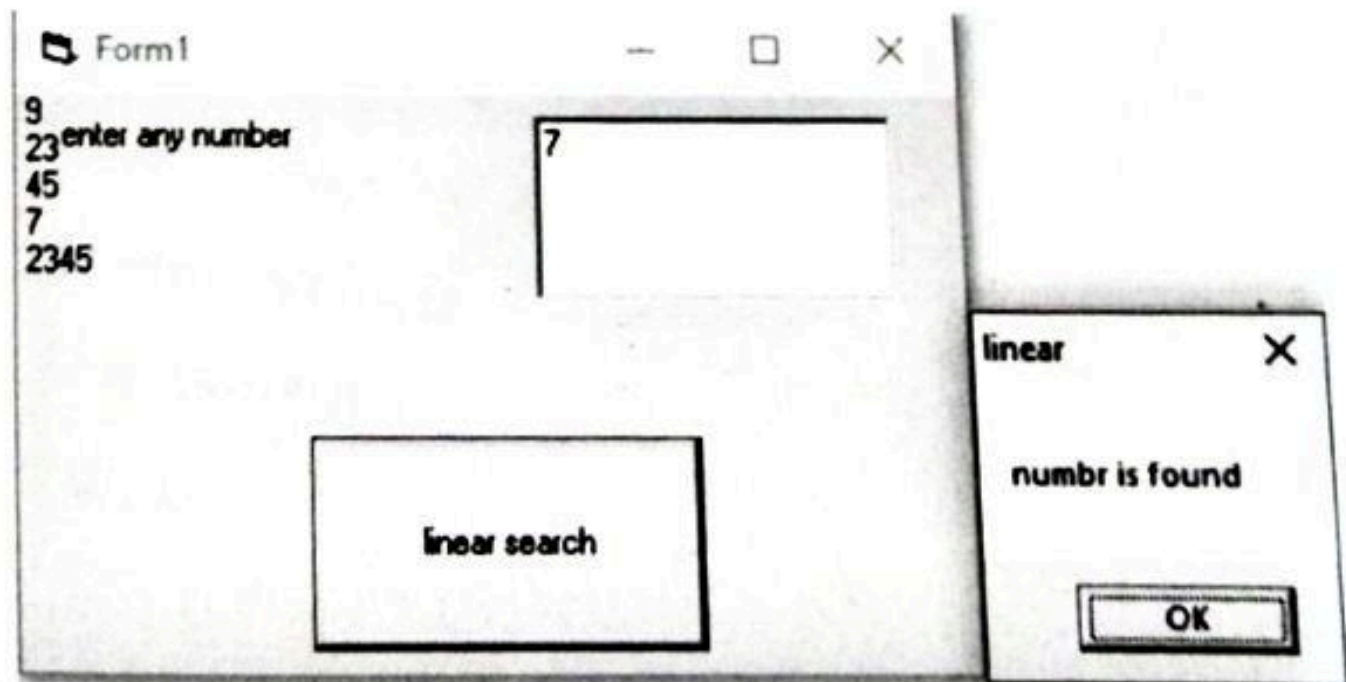
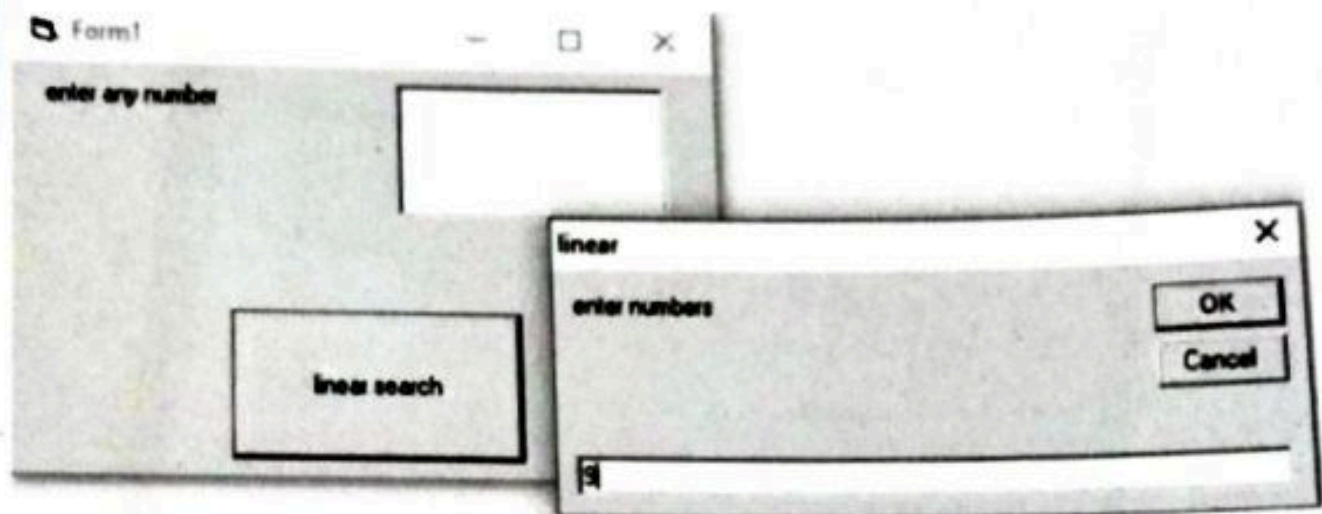
If s = 0 Then

MsgBox ("number is not found")

End If

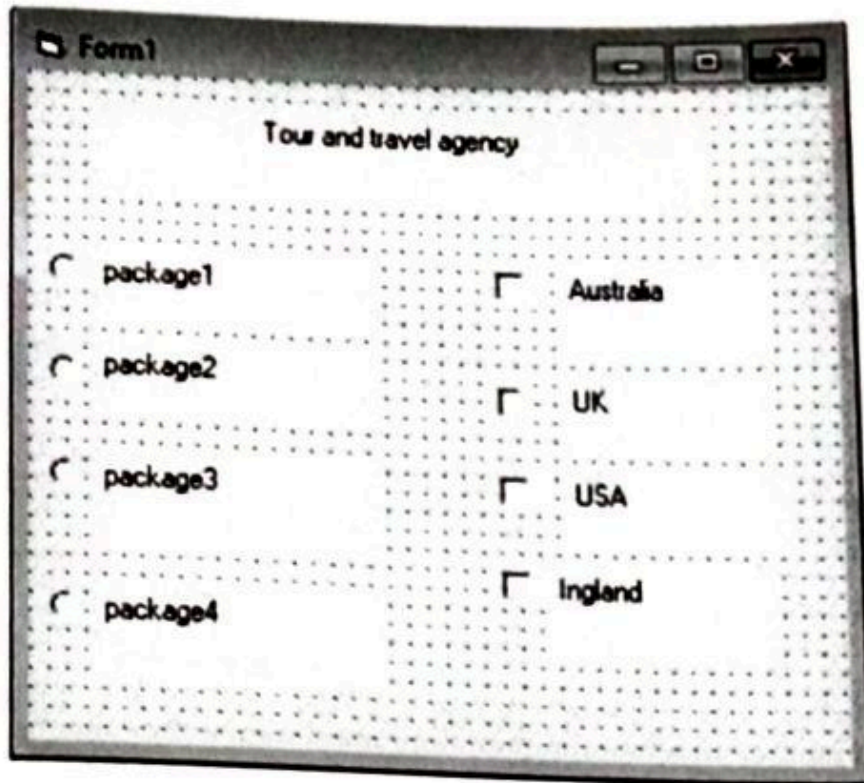
End Sub

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

☒ Australia

☐ package2

☐ UK

☒ package3

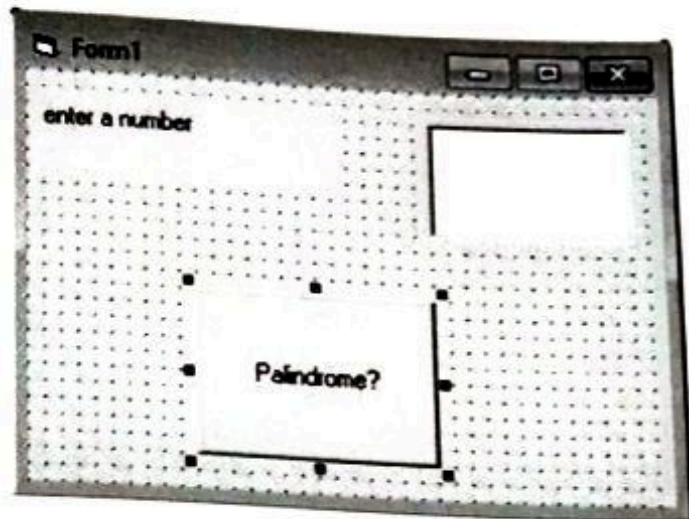
☐ USA

☐ package4

☒ Inland

11. Wap to show palindrome of a number

Design:



Coding:

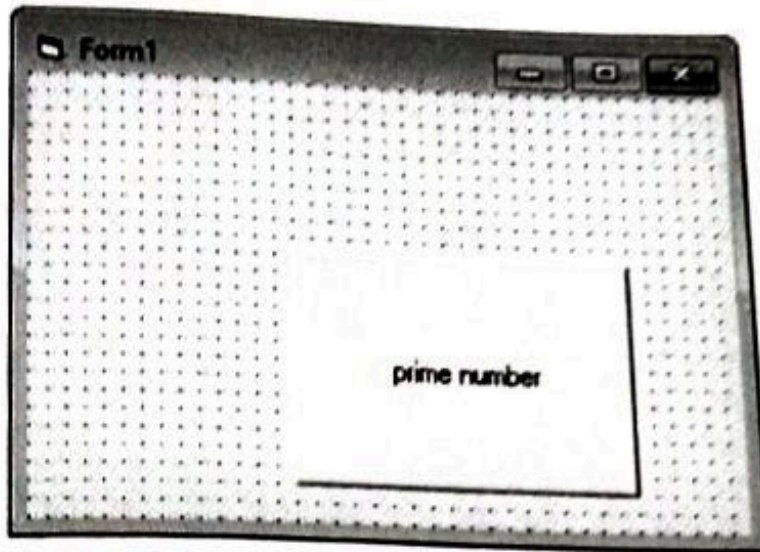
```
Private Sub Command1_Click()  
    Dim digit As Long  
    Dim rnum As Long  
    rnum = 0  
    Do  
        digit = Text1.Text Mod 10  
        Text1.Text = Text1.Text \ 10  
        rnum = rnum * 10 + digit  
    Loop While (Text1.Text > 0)  
    If rnum = Text1.Text Then  
        MsgBox ("the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

End Sub

Output:

The image shows a VBA form titled "Form1" with a standard Windows-style title bar (minimize, maximize, close buttons). Inside the form, there is a label "enter a number" followed by a text box containing the value "2062". Below the text box is a label "Palindrome?". To the right of the form, there is a separate window titled "Project1" with a close button. This window displays the message "the number is a palindrome" and an "OK" button at the bottom.

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.")

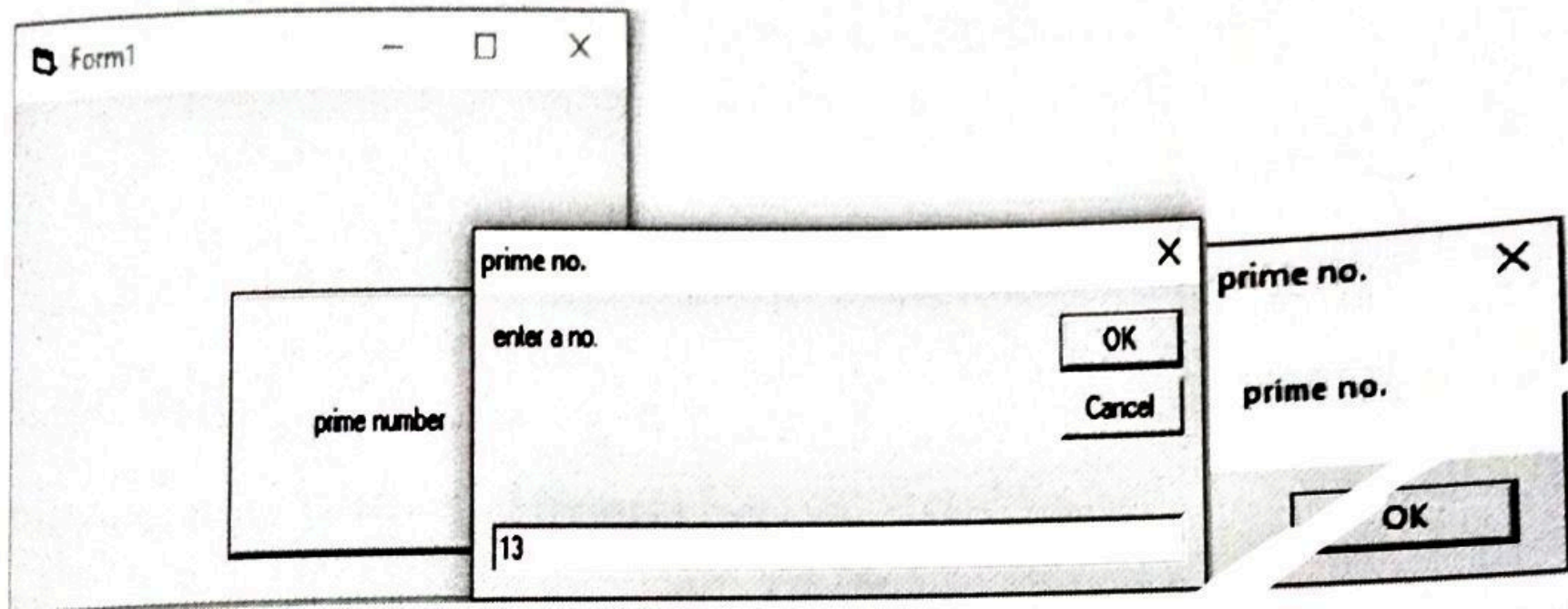
Else

MsgBox ("prime no.")

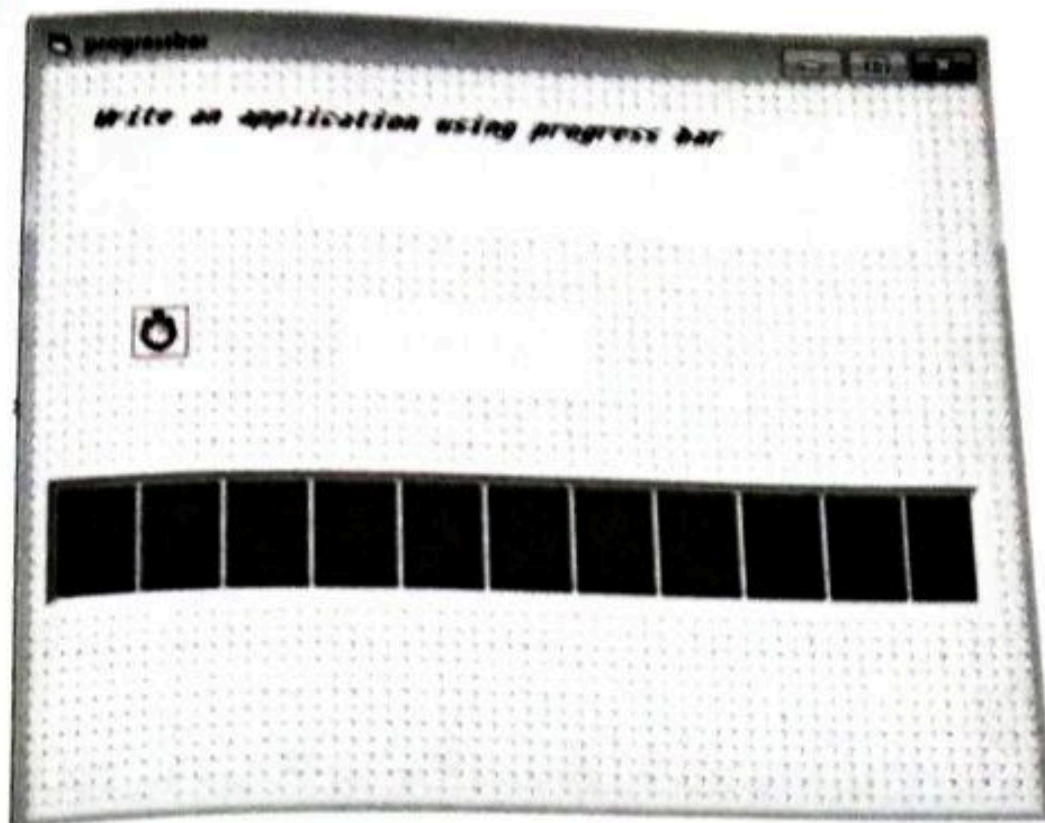
End If

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
```

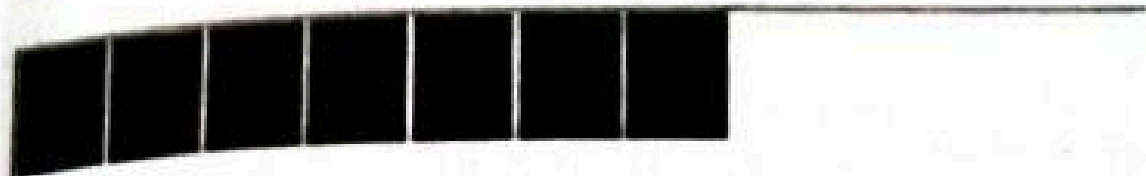
```
End Sub
```

Output:

Q progress

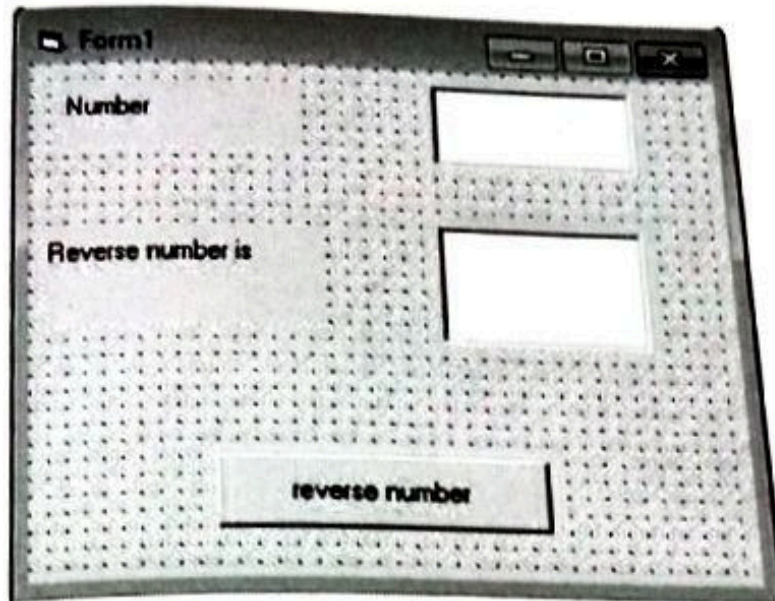
Write an application using progress bar

63% completed



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:

Form1

589
Number

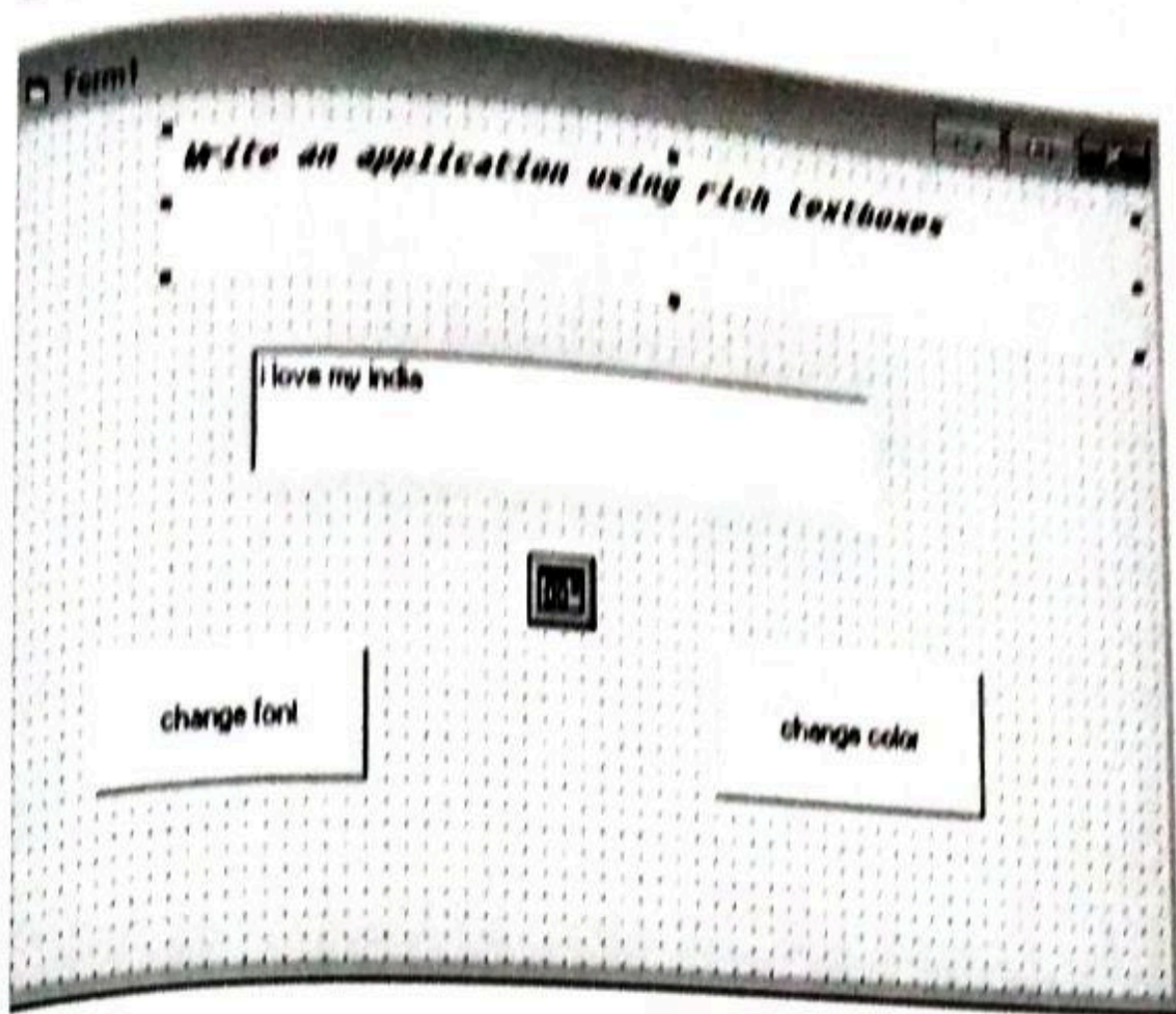
985

Reverse number is

589

reverse number

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

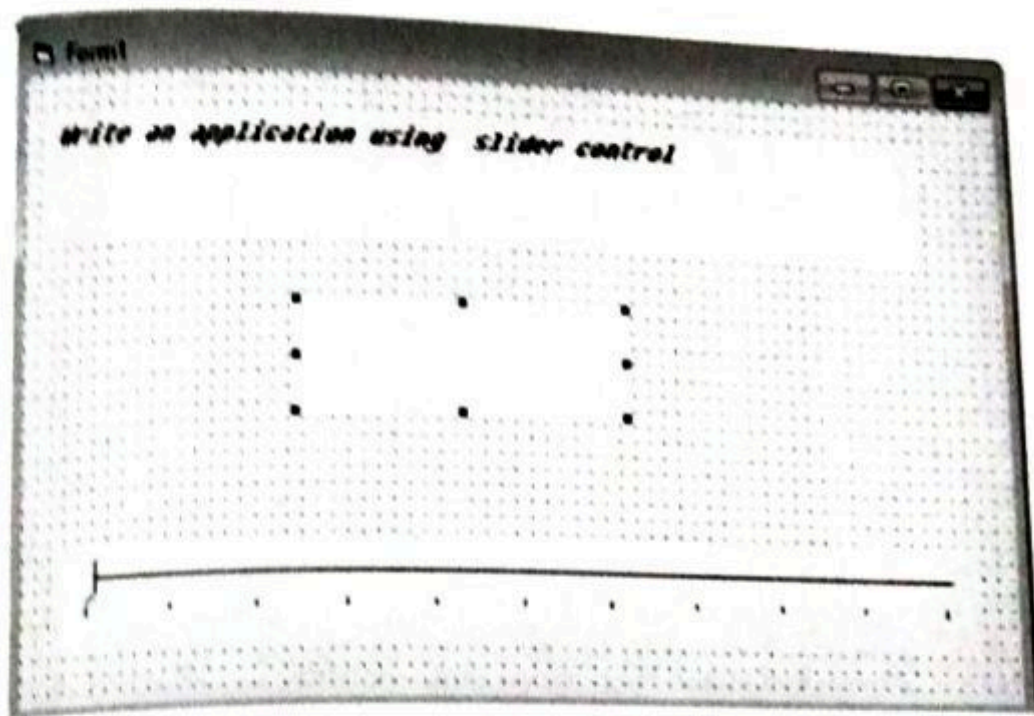
Write an application using rich textboxes

Write your code here

change font

change color

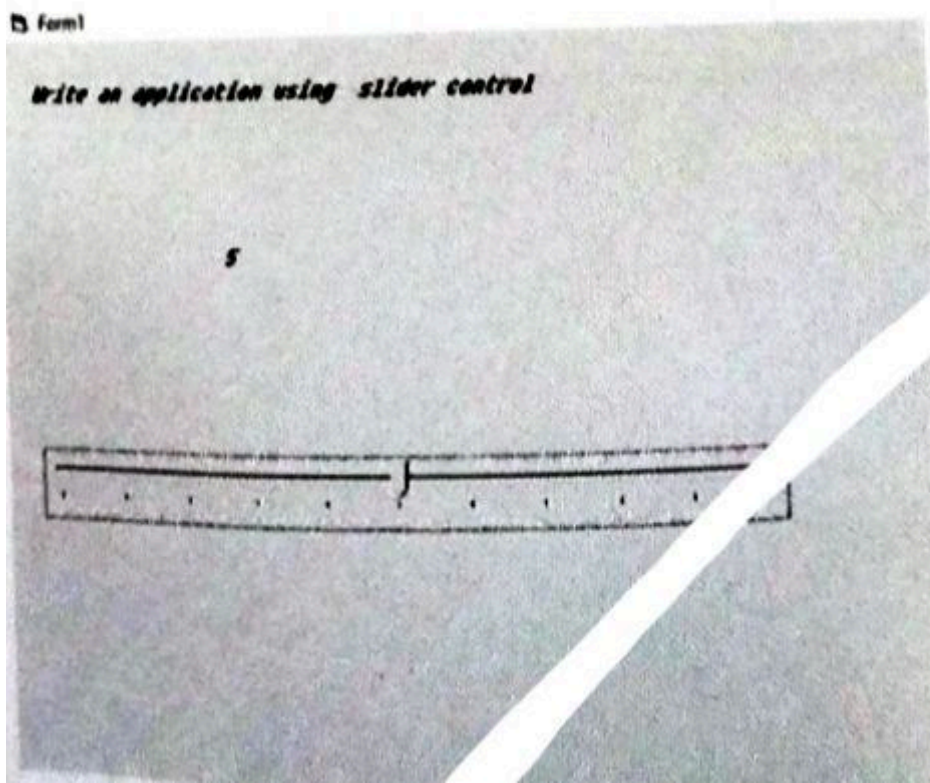
Design:



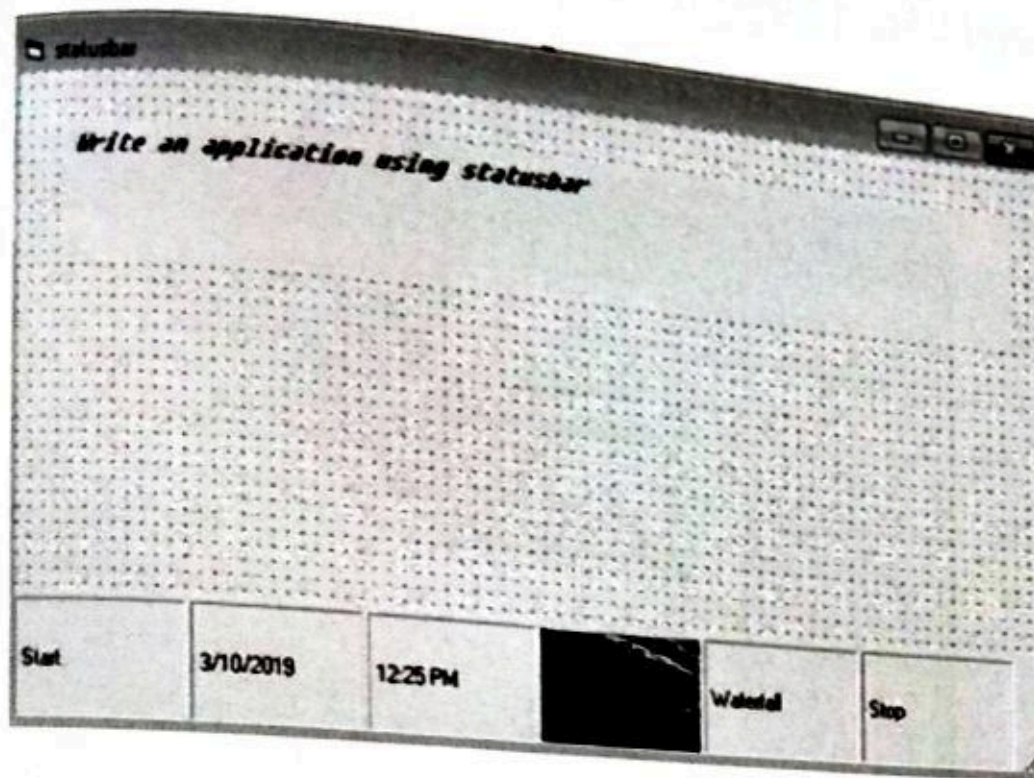
Coding:

```
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:

