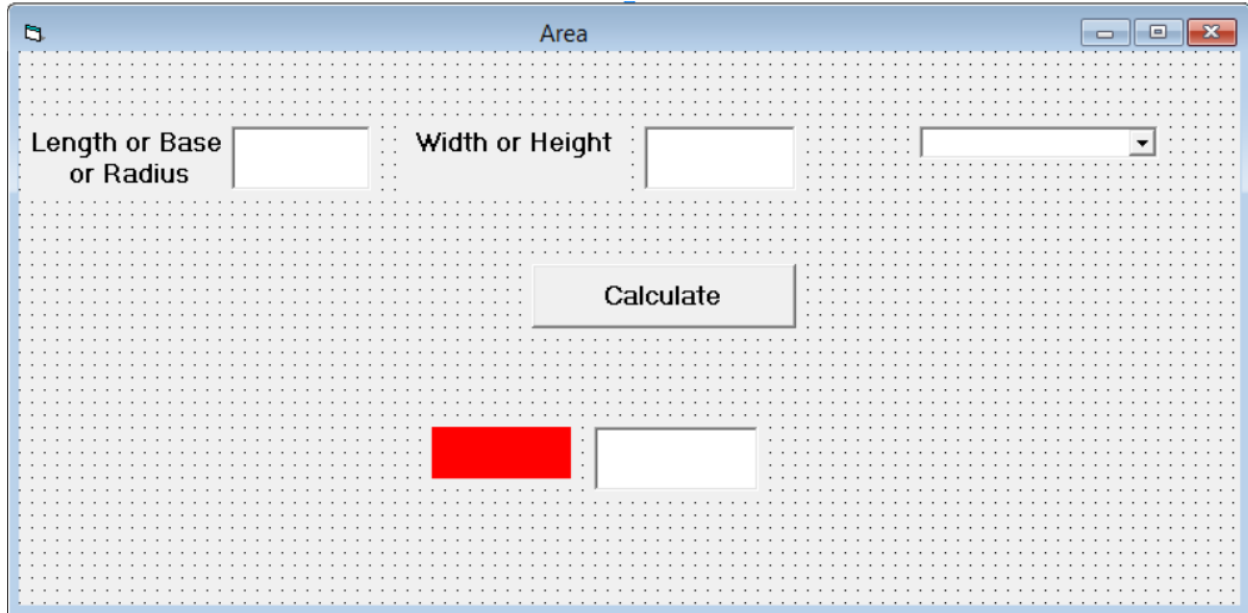


Example9: write a VB program to calculate the area of (rectangle, triangle, circle) by using combobox.



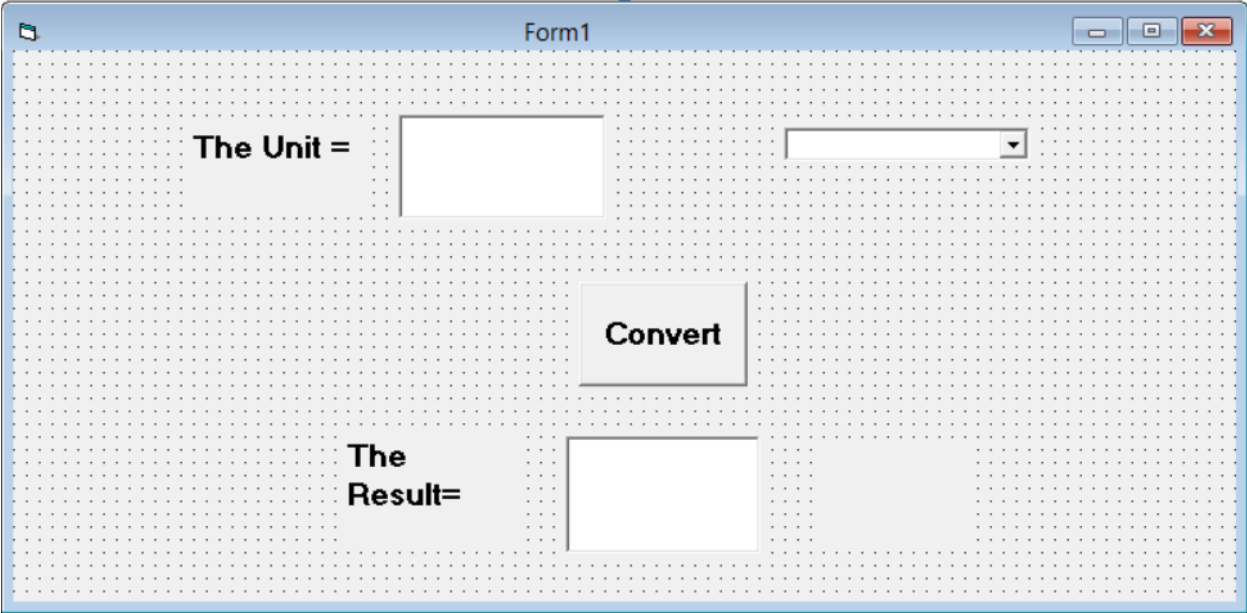
Solution:

- 1- Create three textboxes named (**D1**, **D2**, **Area**). Where **D1**, **D2** for input the dimensions and **Area** for output the value of the area.
- 2- Create a label named (**L**) for showing the type of area.
- 3- Create a ComboBox named (**Shape**), and write in list (Rectangle, Triangle, Circle).
- 4- Create one command button for writing the following code:

```
If Shape.Text = "Rectangle" Then
Area.Text = Val (D1.Text) * Val (D2.Text)
L.Caption = "The Area of Rectangle"
ElseIf Shape.Text = "Triangle" Then
Area.Text = 0.5 * Val(D1.Text) * Val(D2.Text)
L.Caption = "The Area of Triangle"
ElseIf Shape.Text = "Circle" Then
Area.Text = 3.14 * (Val(D1.Text)) ^ 2
L.Caption = "The Area of Circle"
Else
MsgBox "select the area type", vbCritical, "Error"
End If
```

*** Note: MsgBox: to show a dialog box of message (select the area type) named Error**

Example10: Write a Visual Basic program to build a converter system of force units from Ib or N to KN and design the system profile. Where KN= 1000N and KN=224.82 lb.



Solution:

1- Create 3 buttons of type Label and format its properties

	Name	Caption	Font	Background
Label1	Same	The Unite	12,Bold,Time new Roman	any
Label2	Same	The Result	12,Bold,Time new Roman	any
Label3	LblOut	Empty	12,Bold,Time new Roman	any

2- Create 2 buttons of type TextBox and format its properties

	Name	Text	Font	Background
Text1	TxtIn	Empty	12,Bold,Time new Roman	any
Text2	TxtOut	empty	12,Bold,Time new Roman	any

3-Create 1 button of type ComboBox and format its properties

	Name	Text	List
Combo1	Cboln	empty	N Ib

4-Create 1 button of type CommandButton and format its properties

	Name	Caption	Font
Command1	Same	Convert	12,Bold,Time new Roman

Then print the following code in Command1

If Cboln.Text = "N" Then

TxtOut.Text = Val (TxtIn.Text) * 0.001

LblOut.Caption = "KN"

ElseIf Cboln.Text = "Ib" Then

TxtOut.Text = Val (TxtIn.Text) * 0.004448

LblOut.Caption = "KN"

Else

MsgBox "Select from the List", vbCritical, "Error"

End If