

Assignment-5

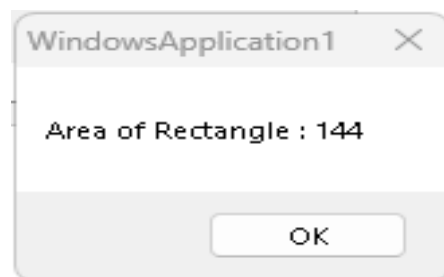
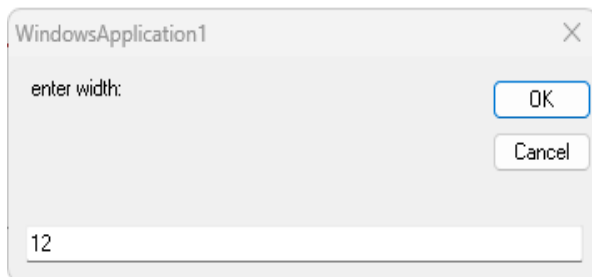
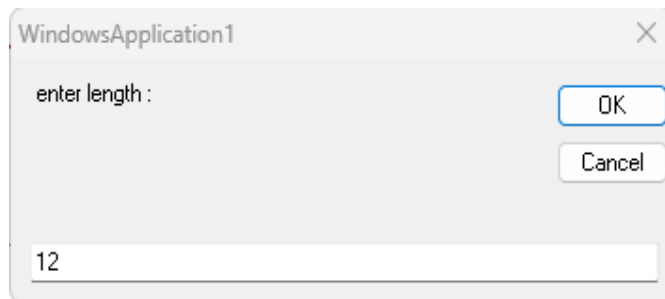
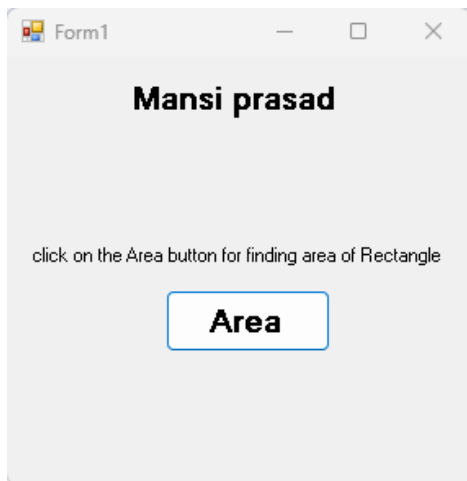
1. Write a program to find area of rectangle.

Source code: -

```
Public Class Form1

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
        Dim l, w, area As Double
        l = InputBox("enter length : ")
        w = InputBox("enter width : ")
        area = l * w
        MsgBox("Area of Rectangle : " & area)
    End Sub
End Class
```

Output: -



Assignment-6

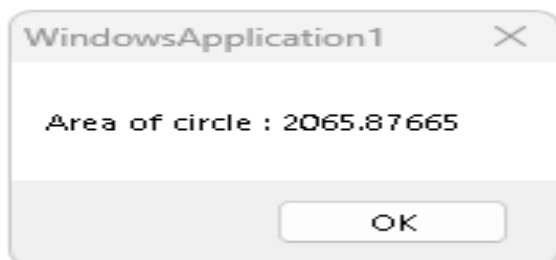
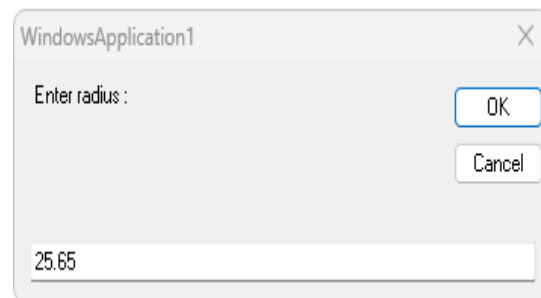
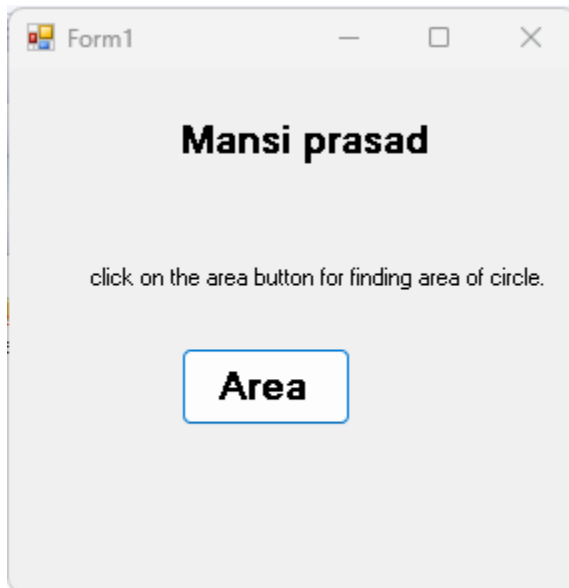
Q 1. Write a program for finding area of Circle.

Source code: -

```
Public Class Form1

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        Dim r, area As Decimal
        r = InputBox("Enter radius : ")
        area = 3.14 * r * r
        MsgBox("Area of circle : " & area)
    End Sub
End Class
```

Output: -



Assignment- 4

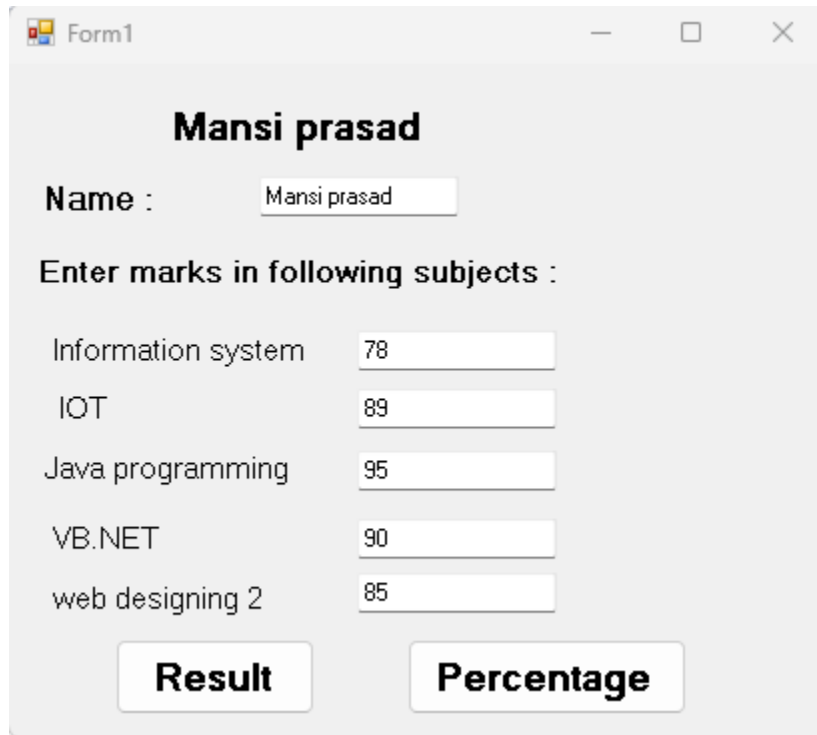
Q 1 write a program to create a student result in visual basic using MsgBox.

Source code: -

```
Public Class Form1
    Public total, per As Integer
    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
        Dim name As String
        Dim sub1, sub2, sub3, sub4, sub5 As Integer
        name = TextBox1.Text
        sub1 = TextBox2.Text
        sub2 = TextBox3.Text
        sub3 = TextBox4.Text
        sub4 = TextBox5.Text
        sub5 = TextBox6.Text
        total = sub1 + sub2 + sub3 + sub4 + sub5
        per = (total / 500) * 100
        MsgBox("Student name is : " & name & " marks in Information system :
" & TextBox2.Text & " marks in IOT : " & TextBox3.Text & " marks in Java
programming : " & TextBox4.Text & " marks in VB.NET : " & TextBox5.Text & "
marks in web designing : " & TextBox6.Text & " total is : " & total & "
Percentage is : " & per)

    End Sub
    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
        Dim sub1, sub2, sub3, sub4, sub5 As Integer
        sub1 = TextBox2.Text
        sub2 = TextBox3.Text
        sub3 = TextBox4.Text
        sub4 = TextBox5.Text
        sub5 = TextBox6.Text
        total = sub1 + sub2 + sub3 + sub4 + sub5
        per = (total / 500) * 100
        MsgBox("Percentage of your marks is : " & per)
    End Sub
End Class
```

Output: -

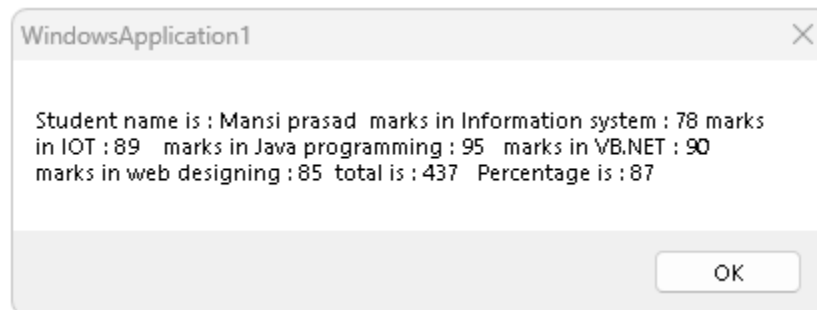


The screenshot shows a Windows Form titled "Form1". At the top, the name "Mansi prasad" is displayed. Below it, a label "Name :" is followed by a text box containing "Mansi prasad". Underneath, a label "Enter marks in following subjects :" is followed by five rows, each with a subject name and a corresponding text box for marks:

| Subject | Marks |
|--------------------|-------|
| Information system | 78 |
| IOT | 89 |
| Java programming | 95 |
| VB.NET | 90 |
| web designing 2 | 85 |

At the bottom of the form, there are two buttons: "Result" and "Percentage".

After clicking Result button: -

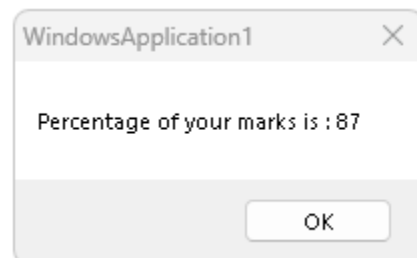


The screenshot shows a message box titled "WindowsApplication1". The text inside reads:

Student name is : Mansi prasad marks in Information system : 78 marks in IOT : 89 marks in Java programming : 95 marks in VB.NET : 90 marks in web designing : 85 total is : 437 Percentage is : 87

At the bottom right of the message box is an "OK" button.

After clicking percentage button: -



The screenshot shows a message box titled "WindowsApplication1". The text inside reads:

Percentage of your marks is : 87

At the bottom right of the message box is an "OK" button.

Assignment-7

Q 1. Write a program to demonstrate form validation in visual basic.

Source code: -

```
Public Class Form1

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
        Dim Uname, pass As String
        Uname = TextBox1.Text
        pass = TextBox2.Text

        If Uname = " " Then
            MsgBox("Please enter User name.")
        ElseIf pass = " " Then
            MsgBox("Please enter password.")
        ElseIf (IsNumeric(Uname)) Then
            MsgBox("Do not enter numeric values in Username.")
        ElseIf (pass.Length < 8) Then
            MsgBox("Password must be 8 character long.")
        Else
            MsgBox("Login is successfull.")
        End If

    End Sub
End Class
```

Output: -

