

$$10 \rightarrow 55
100 \rightarrow 5050$$

Practical : 18 (Visual Basic 01) ²⁹

Aim :- Write a program in visual Basic to find sum of any 10 Number entered, using do-while loop

Code :-

```
Dim a As Integer  
Dim b As Integer  
Dim n As Integer
```

```
Private Sub cmd_calculate_Click()
```

```
a = 1
```

```
b = 0
```

```
n = Val(txtInput.Text)
```

```
Do While a <= n
```

```
    b = b + a
```

```
    a = a + 1
```

```
Loop
```

```
txtOutput.Text = Str(b)
```

```
End Sub
```

```
Private Sub cmd_clear_Click()
```

```
txtInput.Text = ""
```

```
txtOutput.Text = ""
```

```
End Sub.
```

X

Practical :- 19 (Visual Basic 02)

Aim :- Write a program in visual basic to calculates the area based on selection of given two shapes i.e circle and rectangle.

Code :-

```
Private Sub cmd_circle_Click()
```

```
Dim r
```

```
r = InputBox("Enter the radius")
```

```
area = r * r * 3.142
```

```
MsgBox("The area of circle is " & area)
```

```
End Sub
```

```
Private Sub cmd_Exit_Click()
```

```
End
```

```
End Sub
```

```
Private Sub cmd_rectangle_Click()
```

```
Dim l, w
```

```
l = InputBox("Enter the length")
```

```
w = InputBox("Enter the width")
```

```
area = l * w
```

```
MsgBox("The area of rectangle is " & area)
```

```
End Sub
```

SF

(Visual Basic Practical :- 03)

Aim: Write a program in V.B to calculate the marks of 6 subjects of a student and should include the total, percentage and should declare whether the student is passing first class, second class or third class.

Code:-

Dim a, b, c, d, e, f, g, h As Integers

Private Sub cmd Clear - click()

Text 1.Text = " "

Text 2.Text = " "

Text 3.Text = " "

Text 4.Text = " "

Text 5.Text = " "

Text 6.Text = " "

Text 7.Text = " "

Text 8.Text = " "

Text 9.Text = " "

End Sub

Private Sub cmd Exit - click()

End

End Sub

Private Sub cmd Result - click()

a = Val(Text 1.Text)

b = Val(Text 2.Text)

c = Val(Text 3.Text)

$d = \text{val}(\text{Text 4.Text})$

$e = \text{val}(\text{Text 5.Text})$

$f = \text{val}(\text{Text 6.Text})$

$g = a + b + c + d + e + f$

$\text{Text 7.Text} = g$

$h = g * 100 / 600$

$\text{Text 8.Text} = h$

If $h >= 60$ Then

$\text{Text 9.Text} = "1^{st} class"$

Else

If $h >= 50$ Then

$\text{Text 9.Text} = "2^{nd} class"$

Else

If $h >= 40$ Then

$\text{Text 9.Text} = "3^{rd} class"$

End If

End If

End If

End Sub.

Practical no: 21 (Visual Basic - O4)

Aim: Write a program that add, remove, clear the list of items using list box.

Code:-

```
Private Sub cmd add - click()
    1st name . add Item txt name . Text
    txt name . Text = ''
    txt name . Set focus
    Val total caption = 1st name list count
    cmd add . Enabled = false
End Sub
```

```
Private Sub cmd clear - click()
    1st name . clear
    1bl total . Caption = 1st name . list count
End Sub
```

```
Private Sub cmd exit - click()
End
End Sub
```

```
Private Sub cmd remove - click()
Dim remove As Integer
remove = 1st name . List Index
If remove >= 0 Then
    1st name . remove . Item remove
    1bl total . Caption = 1st name . list count
End If
End Sub
```

Private Sub txtname_change()

If Len(txtname.Text) > 0 Then
Jcm daddy.Enabled = True

End If

End Sub