

Lecture No. 21 and 22:

Programme for result preparation Total Marks, Average, Percentage, Results Pass/Fail:

The image displays two versions of a 'Result Calculation' form. The left version is the initial state with empty input fields, while the right version shows the form after calculations have been performed.

Result Calculation	
Name	HASSAN
Roll No	10
Class	BS 5th
Statistics Marks	
Economics Marks	
Geometry Marks	
Calculus Marks	
Total	
Average	
Percentage	
Result	
Calculate Result	

Result Calculation	
Name	HASSAN
Roll No	10
Class	BS 5th
Statistics Marks	56
Economics Marks	48
Geometry Marks	48
Calculus Marks	51
Total	203
Average	51
Percentage	51
Result	Pass
Calculate Result	

```
Private Sub Command1_Click()
```

```
Dim Stat As Integer
```

```
Dim Eco As Integer
```

```
Dim geo As Integer
```

```
Dim cal As Integer
```

```
Dim total As Integer
```

```
Dim Ave As Integer
```

```
Dim Per As Integer
```

```
Dim Result As String
```

```
Stat = Text4.Text
```

```
Eco = Text5.Text
```

```
geo = Text6.Text
```

```
cal = Text7.Text
```

```
total = Stat + Eco + geo + cal
```

```
Ave = total / 4
```

```
Per = total / 400 * 100
```

```
Text8.Text = total
```

```
Text9.Text = Ave
```

```
Text10.Text = Per
```

```
If (Ave < 50) Then
```

```
Result = "Fail"
```

```
Else
```

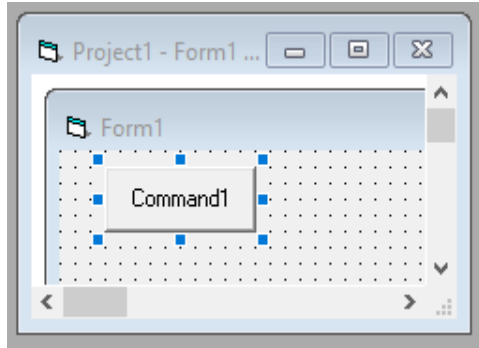
```
Result = "Pass"
```

```
End If
```

```
Text11.Text = Result
```

```
End Sub
```


Programme Odd-Even Test:

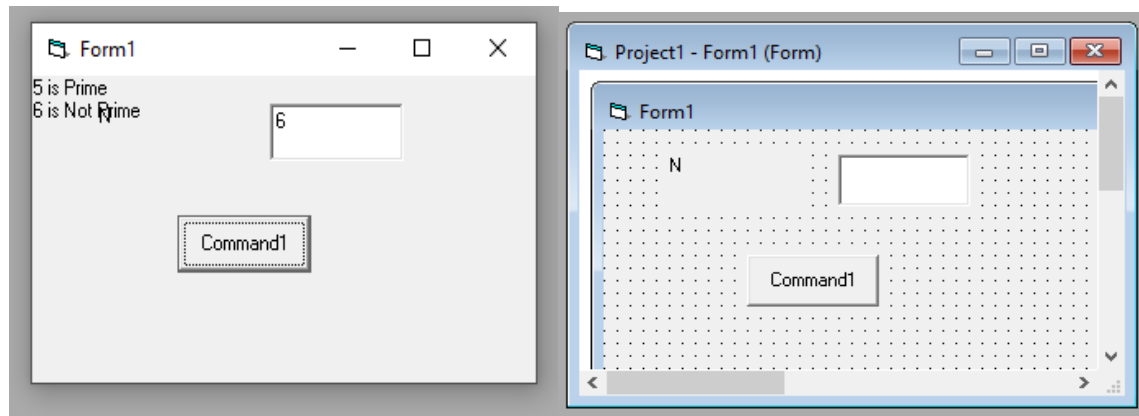


```
Private Sub Command1_Click()  
    Dim J As Double  
    Dim A As Integer  
    Dim I As Integer  
    Dim F As Integer  
    N = InputBox("Print Limit", "Print Number ", 1)  
    For J = 3 To N  
        F = 0  
        For I = 2 To (J - 1)  
            A = J / I  
            If A = (J / 2) Then  
                F = 1  
            End If  
        Next I  
        If (F = 1) Then  
            Print J & "Is Even "  
        Else  
            Print J & "Odd Number"  
        End If  
    End For  
End Sub
```

Next J

End Sub

Programme to test a Prime no using While loop:



```
Private Sub Command1_Click()
```

```
Dim N As Double
```

```
Dim A As Integer
```

```
Dim J As Integer
```

```
Dim F As Integer
```

```
F = 0
```

```
J = 2
```

```
N = Text1.Text
```

```
While (J < N)
```

```
A = N / J
```

```
If A = (N / J) Then
```

```
F = 1
```

```
End If
```

```
J = J + 1
```

```
Wend
```

```
If (F = 1) Then
```

```
Print N & " is Not Prime"
```

```
Else
```

Print N & " is Prime"

End If

End Sub