**Q1 : Write a VBA code to enter your name in A1 Cell using Input Box and**

**once you enter the name display a message box that says the name**

**has been entered.**

Ans :

Sub ass()

Range("a1") = "hasan"

MsgBox "name has been enterted"

End Sub

**Q2 : What are Userforms? Why are they used? How to fill a list box using**

**for loop.**

Ans :

1 . A UserForm object is a window or dialog box that makes up part of an application's user interface. The UserForms collection is a collection whose elements represent each loaded UserForm in an application. The UserForms collection has a Count property, an Item method, and an Add method.

2. Grammatically, they is used as a plural pronoun, a word that's used to describe multiple people, places, or things.

3 .Notice the list of methods that you can run that pops up as you type . You can clear away the items in the list or you can add to them. You can put an item inside the list, then put in i and close with a semicolon: **for (int i = 1 ; i < 10 ; i ++)**

**Listbox.items.(whatever you want to do like add ,addrange ,count , equals ,**

**Findmytext etc)**

**Q3 :** **What is an array? Write a VBA code to enter students and their marks**

**from the below table.**

Ans : Sub Sheet\_Fill\_Array()

Dim myarray As Variant

myarray = Array("hasan", "hussain", "ali", "azhar", "farooq", "tausif", "javad", "sameer", "ziaul", "ashraf")

Range("a2:a11").Value = Application.Transpose(myarray)

myarray = Array(56, 30, 48, 20, 28, 68, 40, 58, 33, 35)

Range("b2:b11").Value = Application.Transpose(myarray)

myarray = Array(45, 74, 58, 12, 87, 78, 65, 45, 35, 34)

Range("c2:c11").Value = Application.Transpose(myarray)

myarray = Array(67, 39, 98, 23, 45, 79, 65, 45, 56, 84)

Range("d2:d11").Value = Application.Transpose(myarray)

myarray = Array(65, 24, 99, 34, 44, 36, 87, 78, 53, 83)

Range("e2:e11").Value = Application.Transpose(myarray)

myarray = Array(25, 67, 89, 67, 23, 47, 45, 37, 37, 84)

Range("f2:f11").Value = Application.Transpose(myarray)

myarray = Array(98, 87, 98, 46, 78, 48, 85, 45, 28, 98)

Range("g2:g11").Value = Application.Transpose(myarray)

myarray = Array("name", "english", "economic", "science", "maths", "o.c", "account")

Range("a1:g1").Value = (myarray)

End Sub

**Q4 : Use the following data to create a pie chart using VBA code. Use Font - ‘Times new Roman’,Size -14, Bold, Title - Piechart’ and you are per to use colours as per your taste.**

Ans :

Charts.Add

ActiveChart.ChartType = xlPie

ActiveChart.SetSourceData Source:=Sheets("Sheet1").Range("A1:A4"), PlotBy:= \_

xlColumns

ActiveChart.Location Where:=xlLocationAsObject, Name:="Sheet1"

ActiveChart.HasTitle = False

**Q5 : Check the dataset in the link given below and create a pivot table using**

**VBA showing the sales for the year from stationary category.**

Ans :

Sub FormattingAllThePivotTablesInAWorkbook()

Dim wks As Worksheet

Dim wb As Workbook

Set wb = ActiveWorkbook

Dim pt As PivotTable

For Each wks In wb.Sheets

For Each pt In wks.PivotTables

pt.TableStyle2 = "PivotStyleLight15"

Next pt

Next wks

End Sub

**Q6 : Write step by step procedure to protect your workbook using a**

**password.**

Ans :

Sub Protect\_Example1()

Dim Ws As Worksheet

Set Ws = Worksheets("Sheet1")

Ws.Protect Password:="MyPassword"

End Sub