

Excel Assignment - 21

1.	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.	

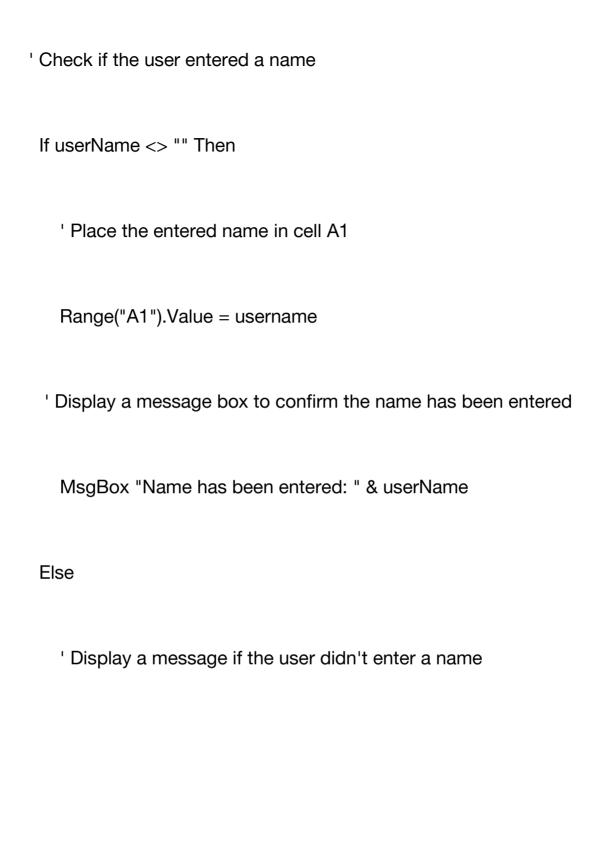
Ans-VBA code is

Sub EnterNameAndDisplayMessage()

Dim userName As String

' Prompt the user to enter their name

userName = InputBox("Please enter your name:", "Enter Name")



MsgBox "No name entered."

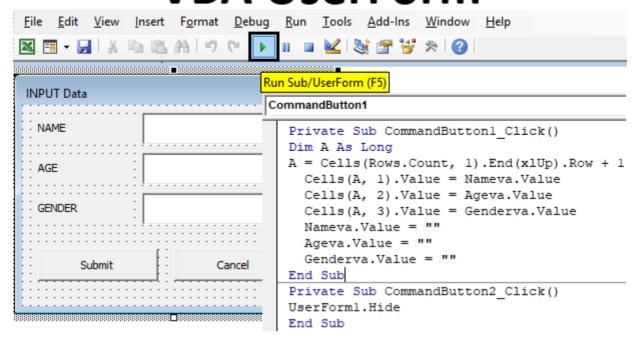
End If

End Sub

2. What are Userforms? Why are they used? How to fill a list box using for loop.

Ans- Userforms are custom dialogue boxes that can be created and displayed within excel.

VBA UserForm



3. What is an array? Write a VBA code to enter students and their marks from the below table.

Ans- Array is a data structure that stores collection of same elements.

VBA Code is

Sub EnterStudentsAndMarks()

' Define an array to store student data

Dim studentData() As Variant

Dim numRows As Long

' Determine the number of rows in the table (adjust the sheet and range accordingly)

numRows =

ThisWorkbook.Sheets("Sheet1").Range("A1").CurrentRegion.Rows.Count

' Resize the array to match the number of rows

ReDim studentData(1 To numRows, 1 To 2)

' Loop through the table and populate the array

Dim i As Long

For i = 1 To numRows

studentData(i, 1) = ThisWorkbook.Sheets("Sheet1").Cells(i, 1).Value 'Student Name

studentData(i, 2) = ThisWorkbook.Sheets("Sheet1").Cells(i, 2).Value 'Marks

Next i

' Example: Display the student data in the Immediate window

For i = 1 To numRows

Debug.Print "Student Name: " & studentData(i, 1) & ", Marks: " & studentData(i, 2)

Next i

End Sub



4. Write step by step procedure to protect your workbook using a password.

Ans- Click on Review tab>Protect Workbook>protect Structure and Windows>Enter Password in Password field

Protect Workbook in Excel

