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.

Sub EnterName()

Dim name As String

name = InputBox("Enter your name", "Name")

Range("A1").Value = name

MsgBox "Your name " & name & " has been entered in cell A1.", vbInformation, "Success"

End Sub

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

UserForms are custom dialog boxes in VBA that allow developers to create interactive interfaces for users to input data, select options, or perform tasks. UserForms are used to create a more user-friendly experience for users interacting with VBA applications.

List boxes are commonly used in UserForms to display a list of items that a user can select from. Here is an example of how to fill a list box using a for loop:

Private Sub UserForm\_Initialize()

Dim i As Integer

For i = 1 To 10

lstExample.AddItem i

Next i

End Sub

What is an array?

In VBA, an array is a variable that can store multiple values of the same data type. It is a collection of variables of the same type arranged in a specific order, which can be accessed using a common name. Arrays can be of different types like one-dimensional, two-dimensional, multi-dimensional, static, or dynamic. They provide a convenient way to store and manipulate large amounts of data efficiently.

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

To protect a workbook using a password in Excel, you can follow these steps:

1. Open the workbook that you want to protect.
2. Click on the "File" tab in the top-left corner of the screen.
3. Click on "Info" in the left-hand pane.
4. Click on "Protect Workbook" in the right-hand pane.
5. Click on "Encrypt with Password".
6. Enter a password of your choice and click "OK".
7. Re-enter the password to confirm it and click "OK".
8. Click "Save" to save the changes and exit the "Protect Workbook" dialog box.