* Immediate window is used for debugging purposes
* Local window is used to check the variable and debugging info
* Sheet which is very hidden in VBA cannot be unhidden or viewed in Excel
* If a sheet is deleted in Excel, all code within the VBA sheet is also deleted therefore it is a good practice to write code in Module
* Option explicit will demand you to declare each variable; explicitly define data types
* Run code from module because the code remains even after manual sheet deletion in excel

Sub myFirstSub()

For i = 1 To 10

'Sheet1.Cells(i, "A") = i

Sheet1.Cells(i, 1) = i

'Sheets("Sheet1").Cells(i, "A") = i

Next i

End Sub

Sub test()

n = InputBox("Enter n", "Enter values", 10)

For i = 1 To n

Me.Cells(i, 1) = i

Next

End Sub

Splitnames

Option Explicit

Sub splitnames()

Dim name As String

Dim splitVar As Variant

Dim lname As String

Dim fname As String

Dim i As Long

Dim lrow As Variant

'To get n rows

'lrow = Sheet1.Cells(Sheet1.Rows.Count, 1).End(xlUp).Row

lrow = Sheet1.UsedRange.Rows.Count

For i = 2 To lrow

name = Sheet1.Cells(i, "D")

splitVar = Split(name, ",")

lname = splitVar(0)

fname = splitVar(1)

Sheet1.Cells(i, "M") = Trim(fname)

Sheet1.Cells(i, "N") = VBA.Trim(lname)

Next i

End Sub

Diagonal prints

Sub test()

For i = 1 To 20

Me.Cells(i, i) = i

Next i

End Sub

To note every changed value in excel sheet – Selection change in worksheet

Create your own function – ISFEMALE() -> checks if female or male and assigns 0 or 1 values

Option Explicit

Function ISFEMALE(R As Range)

If UCase(R) = "FEMALE" Then

ISFEMALE = 1

Else

ISFEMALE = 0

End If

End Function

Open a word/ ppt app

Sub test()

Dim WordApp As Object

Set WordApp = New Word.Application

WordApp.Visible = 1

Dim WordDoc As Object

Set WordDoc = WordApp.Document.Add

End Sub

Sub test()

Dim pptApp as New.PowePoint.Application

pptApp.visible = 1

ppt.Presentations.Add

End Sub