

Everyday Use Excel VBA Codes By : ExcelUnlocked.com





HOW TO READ AND USE THIS DOCUMENT ???

> Each of the upcoming slides contains VBA codes that would help you to accomplish different tasks in excel.

- > You simply need to copy the VBA Codes and paste it in the VB Editor Window (like the way it is described below):
 - Use keyboard shortcut (Alt + F11) to open the Visual Basic Editor (VBE) Window.
 - In the VBE window, go to 'Insert' tab > 'Module' (see image)
 - Now, copy the code and paste VBA Code in the Code Window.



Go To Insert > Module

Paste the VBA Code in window and Run it.

INDEX **>**

- Hide all the worksheets except active worksheets in Excel
- Unhide or show all the worksheets at one go
- Unprotect all the worksheets in excel at one go
- Protect all the worksheets in excel at one go
- Show or display or turn on the gridlines for all the worksheets at one go
- Hide or remove or turn off the gridlines for all the worksheets at one go
- Reverse the order of the excel worksheets
- Arrange or sort the worksheets in descending order ($Z \rightarrow A$)
- Arrange or sort the worksheets in ascending order (A \rightarrow Z)
- Create Index of worksheets (without hyperlink)
- Create index of worksheets (with hyperlink to sheets)
- Create worksheets based on excel list (without hyperlink)
- Create worksheets based on excel list (with hyperlink to sheets)
- Create worksheets based on excel list (if worksheet is not already created)
- Delete worksheets which are mentioned in the excel list
- Split each excel worksheet into excel file or workbook
- Separate text and number from cell containing both text and numbers
- Create folder based on excel list
- Create new folder for each worksheet in excel with worksheet name

E X E L Un Cked

HIDE ALL THE WORKSHEETS EXCEPT ACTIVE WORKSHEET IN EXCEL

Sub Hide_All_WS()

Application.ScreenUpdating = False Dim WS As Worksheet

```
For Each WS In ThisWorkbook.Worksheets
    If WS.Name <> ActiveSheet.Name Then
        WS.Visible = xlSheetHidden
        End If
Next WS
```

Application.ScreenUpdating = True End Sub

- Open the Workbook in which you want to hide worksheets except active sheet.
- Copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As soon as you run this code, excel would hide all the worksheets other than active worksheet.



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UNHIDE OR SHOW ALL THE WORKSHEETS IN EXCEL AT ONE GO

```
Sub Unhide_All_WS()
Application.ScreenUpdating = False
Dim WS As Worksheet
```

```
For Each WS In ThisWorkbook.Worksheets
    If WS.Visible = False Then
        WS.Visible = True
    End If
Next WS
```

Application.ScreenUpdating = True End Sub

- Open the Workbook in which you want to unhide the worksheets.
- Copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As soon as you run this code, excel would show/unhide all the hidden worksheets.





UNPROTECT ALL THE WORKSHEETS IN EXCEL AT ONE GO USING VBA

```
Sub Unprotect All Sh()
```

Application.ScreenUpdating = False Dim Pwd As String Dim WS As Worksheet

Additional Points for Reading

- Open the Workbook in which you want to unprotect all the worksheets.
- Copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As soon as you run this code, excel would unprotect all the protected worksheets quickly.

Pwd = VBA.InputBox("Enter Password to Unprotect Worksheet")

```
For Each WS In ThisWorkbook.Worksheets
If WS.ProtectContents = True Then
WS.Unprotect Pwd
End If
Next WS
```

```
Application.ScreenUpdating = True
End Sub
```



PROTECT ALL THE WORKSHEETS IN EXCEL AT ONE GO USING VBA

```
Sub Protect_All_Sh()
Application.ScreenUpdating = False
Dim Pwd As String
Dim WS As Worksheet
```

Pwd = VBA.InputBox("Enter Password to Protect Worksheet")

```
For Each WS In ThisWorkbook.Worksheets
    If WS.ProtectContents = False Then
        WS.Protect Pwd
    End If
Next WS
```

```
Application.ScreenUpdating = True
End Sub
```

- Open the Workbook in which you want to unprotect all the worksheets.
- Copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As soon as you run this code, excel would unprotect all the protected worksheets quickly.



SHOW OR DISPLAY OR TURN ON GRIDLINES FOR ALL THE WORKSHEETS AT ONE GO

Sub Show Gridlines()

Application.ScreenUpdating = False Dim WS As Worksheet

```
For Each WS In ThisWorkbook.Worksheets
    WS.Activate
    ActiveWindow.DisplayGridlines = True
Next WS
```

Application.ScreenUpdating = True End Sub

- Open the workbook in which you want to show or display the excel gridlines.
- Copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As soon as you run this code, excel would display all the hidden gridlines.







HIDE OR REMOVE OR TURN OFF GRIDLINES FOR ALL THE WORKSHEETS AT ONE GO

Sub Hide Gridlines()

Application.ScreenUpdating = False Dim WS As Worksheet

```
For Each WS In ThisWorkbook.Worksheets
    WS.Activate
    ActiveWindow.DisplayGridlines = False
Next WS
```

Application.ScreenUpdating = True End Sub

- Open the workbook in which you want to hide the excel gridlines from all the worksheets.
- Copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As soon as you run this code, excel would hide all the visible excel gridlines.





REVERSE THE ORDER OF WORKSHEETS (FIRST SHEET BECOMES LAST AND SO ON)

```
Sub Revrs_WS_Order()
```

Application.ScreenUpdating = False Dim WS_Cnt As Long Dim i As Long Dim r As Long

```
WS_Cnt = Worksheets.Count
r = 1
```

```
For i = 1 To WS_Cnt - 1
    Worksheets(WS_Cnt).Move Before:=Worksheets(r)
    r = r + 1
Next i
```

```
Application.ScreenUpdating = True
End Sub
```

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- Open the workbook in which you want to reverse the worksheet order.
- Copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As soon as you run this code, excel would move first sheet to last and likewise arrange other worksheets.



ARRANGE OR SORT THE WORKSHEETS IN DESCENDING ORDER (Z TO A)

```
Sub Sort WS Descending ZA()
    Application.ScreenUpdating = False
    Dim Sh Cnt As Long
    Dim i As Long
   Dim r As Long
    Dim z As Long
    Sh Cnt = Worksheets.Count
    z = 1
    For i = 1 To Sh Cnt - 1
        z = z + 1
        For r = z To Sh Cnt
            If Worksheets(r).Name > Worksheets(i).Name Then
                Worksheets(r).Move Before:=Worksheets(i)
            End If
        Next r
   Next i
```

```
Application.ScreenUpdating = True
End Sub
```

- Open the workbook in which you want to arrange the worksheets in descending order.
- Copy the Code from here and paste it in the VBE Editor Window as explained here and Run it.
- As soon as you run this code, excel would arrange the worksheets from Z to A (based on the sheet names)



ARRANGE OR SORT THE WORKSHEETS IN ASCENDING ORDER (A TO Z)

```
Sub Sort WS Ascending AZ()
    Application.ScreenUpdating = False
    Dim Sh Cnt As Long
    Dim i As Long
   Dim r As Long
    Dim z As Long
    Sh Cnt = Worksheets.Count
    z = 1
    For i = 1 To Sh Cnt - 1
        z = z + 1
        For r = z To Sh Cnt
            If Worksheets(r).Name < Worksheets(i).Name Then
                Worksheets(r).Move Before:=Worksheets(i)
            End If
        Next r
   Next i
```

```
Application.ScreenUpdating = True
End Sub
```

- Open the workbook in which you want to arrange the worksheets in ascending order.
- Copy the Code from here and paste it in the VBE Editor Window as explained here and Run it.
- As soon as you run this code, excel would arrange the worksheets from A to Z (based on the sheet names)





CREATE INDEX OF WORKSHEETS USING VBA (WITHOUT HYPERLINK)

```
Sub Index Wthout Link()
   Application.ScreenUpdating = False
    Dim WS Cnt As Long
    Dim i As Long
    Dim Sh Name As String
```

```
Sh Name = InputBox("Give a Name to Index Worksheet")
WS Cnt = Worksheets.Count
Worksheets.Add Before:=Sheets(1)
Worksheets(1).Name = Sh Name
```

```
For i = 1 To WS Cnt
    Sheets(1).Range("A" & i).Value = Worksheets(i + 1).Name
Next i
```

```
VBA.MsgBox "Index Created with Sheet Name " & Sh Name
   Application.ScreenUpdating = True
End Sub
```

- Open the workbook in which you want to create index of worksheets (without hyperlink).
- Copy the Code from here and paste it in the VBE Editor Window as explained here and Run it.
- You would be asked to write the Index Worksheet name. Enter the name of your choice and press OK to created an Index.





CREATE INDEX OF WORKSHEETS USING VBA (WITH HYPERLINK TO SHEETS)

```
Sub Index With Link()
   Application.ScreenUpdating = False
    Dim WS Cnt As Long
    Dim i As Long
    Dim Sh Name As String
```

```
Sh Name = InputBox("Give a Name to Index Worksheet")
WS Cnt = Worksheets.Count
Worksheets.Add Before:=Sheets(1)
Worksheets(1).Name = Sh Name
```

```
For i = 1 To WS Cnt
    Sheets(1).Range("A" & i).Value = Worksheets(i + 1).Name
    Sheets(1).Range("A" & i).Hyperlinks.Add
       Anchor:=Sheets(1).Range("A" & i), Address:="",
        SubAddress:="'" & Sheets(1).Range("A" & i).Value & "'!A1"
```

Next i



- Open the workbook in which you want to create index of worksheets (with hyperlink).
- Copy the Code from here and paste it in the VBE Editor Window as explained here and Run it.
- You would be asked to write the Index Worksheet name. Enter the name of your choice and press OK to created an Index.



EXCEL Unocked

CREATE WORKSHEETS BASED ON EXCEL LIST (WITHOUT HYPERLINK)

```
Sub Create_WS_Wthot_Link()
Application.ScreenUpdating = False
Dim LstCell As Long
Dim i As Long
```

```
LstCell = ActiveSheet.Range("A1").End(xlDown).Row
```

```
For i = 1 To LstCell
Worksheets.Add After:=Worksheets(Sheets.Count)
ActiveSheet.Name = Worksheets(1).Range("A" & i).Value
Next i
```

```
Application.ScreenUpdating = True
End Sub
```

Make sure that the excel list is in cell A1, Also the worksheet containing list should be an active worksheet.

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-

My Index

- Open the workbook in which you want to create worksheets based on excel list (without hyperlink).
- Copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- You would notice that excel creates different worksheets for each of the names in excel sheet.





CREATE WORKSHEETS BASED ON EXCEL LIST (WITH HYPERLINK TO SHEETS)

```
Sub Create WS With Link()
    Application.ScreenUpdating = False
    Dim LstCell As Long
    Dim i As Long
```

```
LstCell = Range("A1").End(xlDown).Row
```

```
For i = 1 To LstCell
    Worksheets, Add After:=Worksheets(Sheets, Count)
    ActiveSheet.Name = Worksheets(1).Range("A" & i).Value
    Worksheets(1).Range("A" & i).Hyperlinks.Add
       Anchor:=Worksheets(1).Range("A" & i), Address:="",
       SubAddress:="'" & Worksheets(1).Range("A" & i)
       .Value & "'!A1"
Next i
Worksheets(1).Activate
```

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4 - F

```
Application.ScreenUpdating = True
End Sub
```

Make sure that the excel list is in cell A1, Also the worksheet containing list should be an active worksheet.

- Open the workbook in which you want to create worksheets based on excel list (with hyperlink).
- Copy the Code from here and paste it in the VBE Editor Window as explained here and Run it.
- You would notice that excel creates different worksheets for each of the names in excel sheet. It also creates hyperlink in Index.





CREATE WORKSHEETS BASED ON EXCEL LIST IF WORKSHEET IS NOT ALREADY CREATED

Sub Crt_Sh_If_DoentExst()
Application.ScreenUpdating = False
Dim i As Long
Dim WS As Worksheet
Dim LstCell As Long

Make sure that the excel list is in cell A1, Also the worksheet containing list should be an active worksheet.

23

4

My Index

```
LstCell = Worksheets(1).Range("A1").End(xlDown).Row
```

```
For i = 1 To LstCell
For Each WS In ThisWorkbook.Worksheets
If Worksheets(1).Range("A" & i).Value = WS.Name
Then GoTo NextOne
Next WS
Worksheets.Add After:=Worksheets(Worksheets.Count)
ActiveSheet.Name = Worksheets(1).Range("A" & i).Value
NextOne:
Next i
Worksheets(1).Activate
```

```
Application.ScreenUpdating = True
```

End Sub

- Open the workbook in which you want to create worksheets based on excel list (without hyperlink).
- Copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- You would notice that excel creates different worksheets for each of the names in excel sheet.





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DELETE WORKSHEET WHICH ARE MENTIONED IN AN EXCEL LIST

```
Sub Del_WS_From_List()
Application.ScreenUpdating = False
Application.DisplayAlerts = False
Dim WS As Worksheet
Dim i As Long
Dim LstCell As Long
```

```
LstCell = Worksheets(1).Range("A1").End(xlDown).Row
```

```
For i = 1 To LstCell
For Each WS In ThisWorkbook.Worksheets
If Worksheets(1).Range("A" & i).Value = WS.Name
Then WS.Delete
Next WS
Next i
Application.DisplayAlerts = True
Deplication.Comparedation = True
```

```
Application.ScreenUpdating = True
```

End Sub

Make sure that the excel list is in cell A1, Also the worksheet containing list should be an active worksheet.

- You have an excel list containing names of the worksheets, and you want to delete those worksheets.
- Simply, copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As a result, excel would delete the worksheet based on the excel list



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SPLIT EACH EXCEL WORKSHEET INTO SEPARATE EXCEL FILE OR WORKBOOK

```
Sub Split WS Sep File()
   Application.ScreenUpdating = False
   Application.DisplayAlerts = False
    Dim WS As Worksheet
                                                          23
    Dim Folder As String
    Folder = ThisWorkbook Path
    ThisWorkbook.Save
    For Each WS In ThisWorkbook.Worksheets
        WS.Copv
        ActiveWorkbook.SaveAs Folder & "\" & WS.Name & ".xlsx"
        ActiveWorkbook.Close
   Next WS
   VBA.MsgBox ("All the Files Saved in This Path - " & Folder)
   Application.ScreenUpdating = True
   Application.DisplayAlerts = True
End Sub
```

- You have different worksheets in excel workbook and you want to create a separate file or workbooks for each worksheets.
- Simply, copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As a result, excel would create new workbook for each worksheet in excel at the same location/folder.





SEPARATE TEXT AND NUMBERS FROM CELL CONTAINING BOTH TEXT & NUMBERS

```
Sub Extrct Text Num()
    Application.ScreenUpdating = False
    Dim Num As String, Text As String, Glb Num As String,
    Glb Text As String, Lst Cell As Long, i As Long, r As
    Long, Char Len As Long
                                                                1 1
    Lst Cell = Range("A1").End(xlDown).Row
                                                                2 V
                                                                3 V
    For i = 1 To Lst Cell
        Char Len = VBA.Len(Range("A" & i).Value)
        For r = 1 To Char Len
            If IsNumeric(Mid(Range("A" & i).Value, r, 1)) Then
                 Num = Mid(Range("A" & i).Value, r, 1)
            Else
                 Text = Mid(Range("A" & i).Value, r, 1)
            End If
            Glb Num = Glb Num & Num: Glb Text = Glb Text & Text
            Num = "": Text = ""
        Next r
                                               Make sure that the excel
        Range("B" & i).Value = Glb Text
                                               list is in cell A1, Also the
        Range("C" & i).Value = Glb Num
                                               worksheet containing list
        Glb Num = "": Glb Text = ""
                                                 should be an active
    Next i
                                                    worksheet.
    Application.ScreenUpdating = True
End Sub
```

- You have some values containing text and number combination in column A, and you want to separate the text and numbers.
- Simply, copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As a result, excel would separate the text and names in separate columns. You can copy them and use it wherever you like.

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CREATE FOLDER BASED ON THE EXCEL LIST IN THE COMPUTER

```
Sub Create Folder()
```

Application.ScreenUpdating = False Dim LstCell As Long Dim i As Long

LstCell = ActiveSheet.Range("A1").End(xlDown).Row

```
For i = 1 To LstCell
```

On Error Resume Next

```
VBA.MkDir ThisWorkbook.Path & "\" & Range("A" &
```

i).Value

```
Next i
```

```
Application.ScreenUpdating = True
End Sub
```

Make sure that the excel list is in cell A1, Also the worksheet containing list should be an active worksheet.

- You have an excel list in column A (list starting from A1) in Excel, and you want to create a separate folders based on this list.
- Simply, copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As a result, excel would create folders based on this list at the location/path of the excel.



E X E L Un Cked

CREATE NEW FOLDER FOR EACH WORKSHEET IN EXCEL WITH WORKSHEET NAME

Sub Create_Folder()
Application.ScreenUpdating = False

Dim WS As Worksheet

For Each WS In ThisWorkbook.Worksheets
 VBA.MkDir ThisWorkbook.Path & "\" & WS.Name
Next WS

Application.ScreenUpdating = True End Sub

- The purpose here is to create folders for each of the worksheets in Excel (Folder name = Worksheet Name).
- Simply, copy the Code from here and paste it in the VBE Editor Window as explained <u>here</u> and Run it.
- As a result, excel would create folders for each of the worksheets in Excel with folder name as worksheet name.





THANK YOU FOR VISITING EXCELUNLOCKED