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Macro codes can save you a ton of time.

You can automate small as well as heavy tasks with VBA codes.

And do you know?

With the help of macros...

...you can break all the limitations of Excel which you think Excel has.

And today, I have listed some of the **useful codes examples to help you become more productive** in your day to day work.

You can use these codes even if you haven't used VBA before that.

But here's the first thing to know:

**What is a Macro Code?**

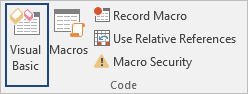
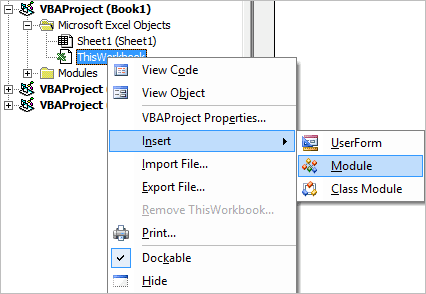
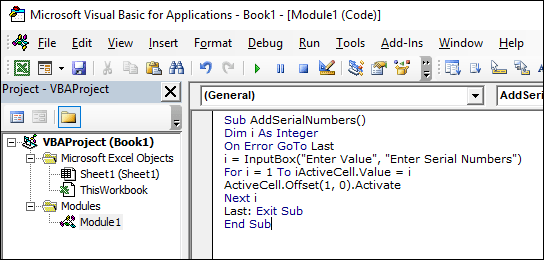
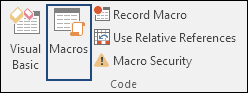
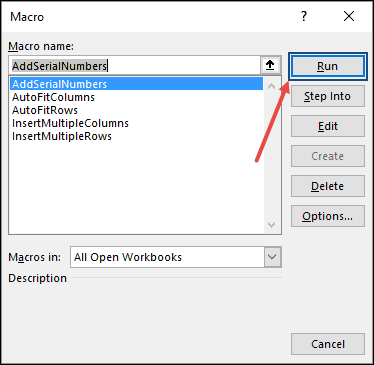
In Excel, macro code is a programming code which is written in VBA (Visual Basic for Applications) language.

The idea behind using a macro code is to automate an action which you perform manually in Excel, otherwise.

For example, you can use a code to print only a particular range of cells just with a single click instead of selecting the range -> File Tab -> Print -> Print Select -> OK Button.

**How to use a Macro Code in Excel**

Before you use these codes, make sure you have your [developer tab](https://excelchamps.com/blog/add-developer-tab/) on your Excel ribbon to access VB editor. Once you activate developer tab you can use below steps to paste a VBA code into VB editor.

1. Go to your developer tab and **click on "Visual Basic"** to open the [Visual Basic Editor](https://excelchamps.com/visual-basic-editor/).  
   
2. On the left side in "Project Window", right click on the name of your workbook and **insert a new module**.  
   
3. Just **paste your code** into the module and close it.  
   
4. Now, go to your developer tab and click on the macro button.  
   
5. It will show you a window with a **list of the macros** you have in your file from where you can [run a macro](https://excelchamps.com/run-macro/) from that list.  
   

**List of Top 100 macro Examples (CODES) for VBA beginners**

I have added all the codes into specific categories so that you can find your favorite codes quickly. Just read the title and click on it to get the code.



* This is my **Ultimate VBA Library** which I update on monthly basis with new codes and Don't forget to check the **VBA Examples Section**[ꜜ](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#tve-jump-175358735f9) at the end of this list.
* VBA is one of the [Advanced Excel Skills](https://excelchamps.com/excel-skills/).
* To manage all of these codes make sure to read about [Personal Macro Workbook](https://excelchamps.com/vba/personal-macro-workbook/) to use these codes in all the workbooks.
* I have tested all of these codes in different versions of Excel (2007, 2010, 2013, 2016, and 2019). If you found any error in any of these codes, make sure to [share with me](https://excelchamps.com/contact/).

**Basic Codes**

These VBA codes will help you to perform some basic tasks in a flash which you frequently do in your spreadsheets.

**1. Add Serial Numbers**

Sub AddSerialNumbers()

Dim i As Integer

On Error GoTo Last

i = InputBox("Enter Value", "Enter Serial Numbers")

For i = 1 To i

ActiveCell.Value = i

ActiveCell.Offset(1, 0).Activate

Next i

Last:Exit Sub

End Sub

This macro code will help you to [automatically add serial numbers](https://excelchamps.com/blog/automatically-add-serial-numbers-in-excel/) in your Excel sheet which can be helpful for you if you work with large data.

To use this code you need to select the cell from where you want to start the serial numbers and when you run this it shows you a [message box](https://excelchamps.com/vba/msgbox/) where you need to enter the highest number for the serial numbers and click OK. And once you click OK, it simply runs a loop and add a list of serial numbers to the cells downward.

**2. Insert Multiple Columns**

Sub InsertMultipleColumns()

Dim i As Integer

Dim j As Integer

ActiveCell.EntireColumn.Select

On Error GoTo Last

i = InputBox("Enter number of columns to insert", "Insert Columns")

For j = 1 To i

Selection.Insert Shift:=xlToRight, CopyOrigin:=xlFormatFromRightorAbove

Next j

Last: Exit Sub

End Sub

This code helps you to enter multiple columns in a single click. When you run this code it asks you the number columns you want to add and when you click OK, it adds entered number of columns after the selected cell. If you want to add columns before the selected cell, replace the xlToRight to xlToLeft in the code.

**3. Insert Multiple Rows**

Sub InsertMultipleRows()

Dim i As Integer

Dim j As Integer

ActiveCell.EntireRow.Select

On Error GoTo Last

i = InputBox("Enter number of columns to insert", "Insert Columns")

For j = 1 To i

Selection.Insert Shift:=xlToDown, CopyOrigin:=xlFormatFromRightorAbove

Next j

Last: Exit Sub

End Sub

With this code, you can enter multiple rows in the worksheet. When you run this code, you can enter the number of rows to insert and make sure to select the cell from where you want to insert the new rows. If you want to add rows before the selected cell, replace the xlToDown to xlToUp in the code.

**4. Auto Fit Columns**

Sub AutoFitColumns()

Cells.Select

Cells.EntireColumn.AutoFit

End Sub

This code quickly auto fits all the columns in your worksheet. So when you run this code, it will select all the cells in your worksheet and instantly auto-fit all the columns.

**5. Auto Fit Rows**

Sub AutoFitRows()

Cells.Select

Cells.EntireRow.AutoFit

End Sub

You can use this code to auto-fit all the rows in a worksheet. When you run this code it will select all the cells in your worksheet and instantly auto-fit all the row.

**6. Remove Text Wrap**

Sub RemoveTextWrap()

Range("A1").WrapText = False

End Sub

This code will help you to remove text wrap from the entire worksheet with a single click. It will first select all the columns and then remove text wrap and auto fit all the rows and columns. There’s also a shortcut that you can use (Alt + H +‌W) for but if you add this code to [QAT](https://excelchamps.com/quick-access-toolbar/) it’s way more than [keyboard shortcut](https://excelchamps.com/keyboard-shortcuts/).

**7. Unmerge Cells**

Sub UnmergeCells()

Selection.UnMerge

End Sub

This code simply uses the unmerge options which you have on the HOME‌ tab. The benefit of using this code is you can add it to the QAT and unmerge all the cell in the selection. And if you want to un-merge a specific range you can define that range in the code by replacing the word selection.

**8. Open Calculator**

Sub OpenCalculator()

Application.ActivateMicrosoftApp Index:=0

End Sub

In Windows, there is a specific calculator and by using this macro code you can open that calculator directly from Excel. As I mentioned that it’s for windows and if you run this code in the MAC version of VBA you’ll get an error.

**9. Add Header/Footer Date**

Sub DateInHeader()

With ActiveSheet.PageSetup

.LeftHeader = ""

.CenterHeader = "&D"

.RightHeader = ""

.LeftFooter = ""

.CenterFooter = ""

.RightFooter = ""

End With

End Sub

This macro adds a date to the header when you run it. It simply uses the tag "&D" for adding the date. You can also change it to the footer or change the side by replacing the "" with the date tag. And if you want to add a specific date instead of the current date you can replace the "&D" tag with that date from the code.

**10. Custom Header/Footer**

Sub CustomHeader()

Dim myText As String

myText = InputBox("Enter your text here", "Enter Text")

With ActiveSheet.PageSetup

.LeftHeader = ""

.CenterHeader = myText

.RightHeader = ""

.LeftFooter = ""

.CenterFooter = ""

.RightFooter = ""

End With

End Sub

When you run this code, it shows an input box that asks you to enter the text which you want to add as a header, and once you enter it click OK.

If you see this closely you have six different lines of code to choose the place for the header or footer. Let’s say if you want to add left-footer instead of center header simply replace the “myText” to that line of the code by replacing the "" from there.

***And if you found these codes helpful,***[***you can support us to create more tutorials***](https://www.buymeacoffee.com/excelchamps)***like this.***

**Formatting Codes**

These VBA codes will help you to format cells and ranges using some specific criteria and conditions.

**11. Highlight Duplicates from Selection**

Sub HighlightDuplicateValues()

Dim myRange As Range

Dim myCell As Range

Set myRange = Selection

For Each myCell In myRange

If WorksheetFunction.CountIf(myRange, myCell.Value) > 1 Then

myCell.Interior.ColorIndex = 36

End If

Next myCell

End Sub

This macro will check each cell of your selection and [highlight the duplicate values](https://excelchamps.com/blog/highlight-duplicate-values-vba/).  You can also change the color from the code.

**12. Highlight the Active Row and Column**

Private Sub Worksheet\_BeforeDoubleClick(ByVal Target As Range, Cancel As Boolean)

Dim strRange As String

strRange = Target.Cells.Address & "," & \_

Target.Cells.EntireColumn.Address & "," & \_

Target.Cells.EntireRow.Address

Range(strRange).Select

End Sub

I really love to use this macro code whenever I have to analyze a data table. Here are the quick steps to apply this code.

1. Open VBE (ALT + F11).
2. Go to Project Explorer (Ctrl + R, If hidden).
3. Select your workbook & double click on the name of a particular worksheet in which you want to activate the macro.
4. Paste the code into it and select the “BeforeDoubleClick” from event drop down menu.
5. Close VBE and you are done.

Remember that, by applying this macro you will not able to edit the cell by double click.

**13. Highlight Top 10 Values**

Sub TopTen()

Selection.FormatConditions.AddTop10

Selection.FormatConditions(Selection.FormatConditions.Count).S

tFirstPriority

With Selection.FormatConditions(1)

.TopBottom = xlTop10Top

.Rank = 10

.Percent = False

End With

With Selection.FormatConditions(1).Font

.Color = -16752384

.TintAndShade = 0

End With

With Selection.FormatConditions(1).Interior

.PatternColorIndex = xlAutomatic

.Color = 13561798

.TintAndShade = 0

End With

Selection.FormatConditions(1).StopIfTrue = False

End Sub

Just select a range and run this macro and it will highlight top 10 values with the green color.

**14. Highlight Named Ranges**

Sub HighlightRanges()

Dim RangeName As Name

Dim HighlightRange As Range

On Error Resume Next

For Each RangeName In ActiveWorkbook.Names

Set HighlightRange = RangeName.RefersToRange

HighlightRange.Interior.ColorIndex = 36

Next RangeName

End Sub

If you are not sure about how many named ranges you have in your worksheet then you can use this code to highlight all of them.

**15. Highlight Greater than Values**

Sub HighlightGreaterThanValues()

Dim i As Integer

i = InputBox("Enter Greater Than Value", "Enter Value")

Selection.FormatConditions.Delete

Selection.FormatConditions.Add Type:=xlCellValue, \_

Operator:=xlGreater, Formula1:=i

Selection.FormatConditions(Selection.FormatConditions.Count).S

tFirstPriority

With Selection.FormatConditions(1)

.Font.Color = RGB(0, 0, 0)

.Interior.Color = RGB(31, 218, 154)

End With

End Sub

Once you run this code it will ask you for the value from which you want to highlight all greater values.

**16. Highlight Lower Than Values**

Sub HighlightLowerThanValues()

Dim i As Integer

i = InputBox("Enter Lower Than Value", "Enter Value")

Selection.FormatConditions.Delete

Selection.FormatConditions.Add \_

Type:=xlCellValue, \_

Operator:=xlLower, \_

Formula1:=i

Selection.FormatConditions(Selection.FormatConditions.Count).S

tFirstPriority

With Selection.FormatConditions(1)

.Font.Color = RGB(0, 0, 0)

.Interior.Color = RGB(217, 83, 79)

End With

End Sub

Once you run this code it will ask you for the value from which you want to highlight all lower values.

**17. Highlight Negative Numbers**

Sub highlightNegativeNumbers()

Dim Rng As Range

For Each Rng In Selection

If WorksheetFunction.IsNumber(Rng) Then

If Rng.Value < 0 Then

Rng.Font.Color= -16776961

End If

End If

Next

End Sub

Select a range of cells and run this code. It will check each cell from the range and highlight all cells the where you have a negative number.

**18. Highlight Specific Text**

Sub highlightValue()

Dim myStr As String

Dim myRg As range

Dim myTxt As String

Dim myCell As range

Dim myChar As String

Dim I As Long

Dim J As Long

On Error Resume Next

If ActiveWindow.RangeSelection.Count > 1 Then

myTxt = ActiveWindow.RangeSelection.AddressLocal

Else

myTxt = ActiveSheet.UsedRange.AddressLocal

End If

LInput: Set myRg = \_

Application.InputBox \_

("please select the data range:", "Selection Required", myTxt, , , , , 8)

If myRg Is Nothing Then

Exit Sub

If myRg.Areas.Count > 1 Then

MsgBox "not support multiple columns"

GoTo LInput

End If

If myRg.Columns.Count <> 2 Then

MsgBox "the selected range can only contain two columns "

GoTo LInput

End If

For I = 0 To myRg.Rows.Count - 1

myStr = myRg.range("B1").Offset(I, 0).Value

With myRg.range("A1").Offset(I, 0)

.Font.ColorIndex = 1

For J = 1 To Len(.Text)

Mid(.Text, J, Len(myStr)) = myStrThen

.Characters(J, Len(myStr)).Font.ColorIndex = 3

Next

End With

Next I

End Sub

Suppose you have a large data set and you want to check for a particular value. For this, you can use this code. When you run it, you will get an input box to enter the value to search for.

**19. Highlight Cells with Comments**

Sub highlightCommentCells()

Selection.SpecialCells(xlCellTypeComments).Select

Selection.Style= "Note"

End Sub

To highlight all the cells with comments use this macro.

**20. Highlight Alternate Rows in the Selection**

Sub highlightAlternateRows()

Dim rng As Range

For Each rng In Selection.Rows

If rng.Row Mod 2 = 1 Then

rng.Style = "20% -Accent1"

rng.Value = rng ^ (1 / 3)

Else

End If

Next rng

End Sub

By highlighting alternate rows you can make your data easily readable, and for this, you can use below VBA code. It will simply highlight every alternate row in selected range.

**21. Highlight Cells with Misspelled Words**

Sub HighlightMisspelledCells()

Dim rng As Range

For Each rng In ActiveSheet.UsedRange

If Not Application.CheckSpelling(word:=rng.Text) Then

rng.Style = "Bad"

End If

Next rng

End Sub

If you find hard to check all the cells for spelling error then this code is for you. It will check each cell from the selection and highlight the cell where is a misspelled word.

**22. Highlight Cells With Error in the Entire Worksheet**

Sub highlightErrors()

Dim rng As Range

Dim i As Integer

For Each rng In ActiveSheet.UsedRange

If WorksheetFunction.IsError(rng) Then

i = i + 1

rng.Style = "bad"

End If

Next rng

MsgBox \_

"There are total " & i \_

& " error(s) in this worksheet."

End Sub

To highlight and count all the cells in which you have an error, this code will help you. Just run this code and it will return a message with the number error cells and highlight all the cells.

**23. Highlight Cells with a Specific Text in Worksheet**

Sub highlightSpecificValues()

Dim rng As range

Dim i As Integer

Dim c As Variant

c = InputBox("Enter Value To Highlight")

For Each rng In ActiveSheet.UsedRange

If rng = c Then

rng.Style = "Note"

i = i + 1

End If

Next rng

MsgBox "There are total " & i & " " & c & " in this worksheet."

End Sub

This code will help you to count the cells which have a specific value which you will mention and after that highlight all those cells.

**24. Highlight all the Blank Cells Invisible Space**

Sub blankWithSpace()

Dim rng As Range

For Each rng In ActiveSheet.UsedRange

If rng.Value = " " Then

rng.Style = "Note"

End If

Next rng

End Sub

Sometimes there are some cells which are blank but they have a single space and due to this, it’s really hard to identify them. This code will check all the cell in the worksheet and highlight all the cells which have a single space.

**25. Highlight Max Value In The Range**

Sub highlightMaxValue()

Dim rng As Range

For Each rng In Selection

If rng = WorksheetFunction.Max(Selection) Then

rng.Style = "Good"

End If

Next rng

End Sub

It will check all the selected cells and highlight the cell with the maximum value.

**26. Highlight Min Value In The Range**

Sub Highlight\_Min\_Value()

Dim rng As Range

For Each rng In Selection

If rng = WorksheetFunction.Min(Selection) Then

rng.Style = "Good"

End If

Next rng

End Sub

It will check all the selected cells and highlight the cell with the Minimum value.

**27. Highlight Unique Values**

Sub highlightUniqueValues()

Dim rng As Range

Set rng = Selection

rng.FormatConditions.Delete

Dim uv As UniqueValues

Set uv = rng.FormatConditions.AddUniqueValues

uv.DupeUnique = xlUnique

uv.Interior.Color = vbGreen

End Sub

This codes will highlight all the cells from the selection which has a unique value.

**28. Highlight Difference in Columns**

Sub columnDifference()

Range("H7:H8,I7:I8").Select

Selection.ColumnDifferences(ActiveCell).Select

Selection.Style= "Bad"

End Sub

Using this code you can highlight the difference between two columns (corresponding cells).

**29. Highlight Difference in Rows**

Sub rowDifference()

Range("H7:H8,I7:I8").Select

Selection.RowDifferences(ActiveCell).Select

Selection.Style= "Bad"

End Sub

And by using this code you can highlight difference between two row (corresponding cells).

**Printing Codes**

These macro codes will help you to automate some printing tasks which can further save you a ton of time.

**30. Print Comments**

Sub printComments()

With ActiveSheet.PageSetup

.printComments = xlPrintSheetEnd

End With

End Sub

Use this macro to activate settings to print cell comments in the end of the page. Let’s say you have 10 pages to print, after using this code you will get all the comments on 11th last page.

**31. Print Narrow Margin**

Sub printNarrowMargin()

With ActiveSheet.PageSetup

.LeftMargin = Application

.InchesToPoints (0.25)

.RightMargin = Application.InchesToPoints(0.25)

.TopMargin = Application.InchesToPoints(0.75)

.BottomMargin = Application.InchesToPoints(0.75)

.HeaderMargin = Application.InchesToPoints(0.3)

.FooterMargin = Application.InchesToPoints(0.3)

End With

ActiveWindow.SelectedSheets.PrintOut \_

Copies:=1, \_

Collate:=True, \_

IgnorePrintAreas:=False

End Sub

Use this VBA code to take a print with a narrow margin. When you run this macro it will automatically change margins to narrow.

**32. Print Selection**

Sub printSelection()

Selection.PrintOut Copies:=1, Collate:=True

End Sub

This code will help you print selected range. You don't need to go to printing options and set printing range. Just select a range and run this code.

**33. Print Custom Pages**

Sub printCustomSelection()

Dim startpage As Integer

Dim endpage As Integer

startpage = \_

InputBox("Please Enter Start Page number.", "Enter Value")

If Not WorksheetFunction.IsNumber(startpage) Then

MsgBox \_

"Invalid Start Page number. Please try again.", "Error"

Exit Sub

End If

endpage = \_

InputBox("Please Enter End Page number.", "Enter Value")

If Not WorksheetFunction.IsNumber(endpage) Then

MsgBox \_

"Invalid End Page number. Please try again.", "Error"

Exit Sub

End If

Selection.PrintOut From:=startpage, \_

To:=endpage, Copies:=1, Collate:=True

End Sub

Instead of using the setting from print options you can use this code to print custom page range. Let’s say you want to print pages from 5 to 10. You just need to run this VBA code and enter start page and end page.

**Worksheet Codes**

These macro codes will help you to control and manage worksheets in an easy way and save your a lot of time.

**34. Hide all but the Active Worksheet**

Sub HideWorksheet()

Dim ws As Worksheet

For Each ws In ThisWorkbook.Worksheets

If ws.Name <> ThisWorkbook.ActiveSheet.Name Then

ws.Visible = xlSheetHidden

End If

Next ws

End Sub

Now, let's say if you want to hide all the worksheets in your workbook other than the active worksheet. This macro code will do this for you.

**Related:**[**VBA Functions List**](https://excelchamps.com/vba/functions/)

**35. Unhide all Hidden Worksheets**

Sub UnhideAllWorksheet()

Dim ws As Worksheet

For Each ws In ActiveWorkbook.Worksheets

ws.Visible = xlSheetVisible

Next ws

End Sub

And if you want to un-hide all the worksheets which you have hide with previous code, here is the code for that.

**36. Delete all but the Active Worksheet**

Sub DeleteWorksheets()

Dim ws As Worksheet

For Each ws In ThisWorkbook.Worksheets

If ws.name <> ThisWorkbook.ActiveSheet.name Then

Application.DisplayAlerts = False

ws.Delete

Application.DisplayAlerts = True

End If

Next ws

End Sub

If you want to delete all the worksheets other than the active sheet, this macro is useful for you. When you run this macro it will compare the name of the active worksheet with other worksheets and then delete them.

**37. Protect all Worksheets Instantly**

Sub ProtectAllWorskeets()

Dim ws As Worksheet

Dim ps As String

ps = InputBox("Enter a Password.", vbOKCancel)

For Each ws In ActiveWorkbook.Worksheets

ws.Protect Password:=ps

Next ws

End Sub

If you want to protect your all worksheets in one go here is a code for you. When you run this macro, you will get an input box to enter a password. Once you enter your password, click OK. And make sure to take care about CAPS.

**38. Resize All Charts in a Worksheet**

Sub Resize\_Charts()

Dim i As Integer

For i = 1 To ActiveSheet.ChartObjects.Count

With ActiveSheet.ChartObjects(i)

.Width = 300

.Height = 200

End With

Next i

End Sub

Make all chart same in size. This macro code will help you to make all the charts of the same size. You can change the height and width of charts by changing it in macro code.

**39. Insert Multiple Worksheets**

Sub InsertMultipleSheets()

Dim i As Integer

i = \_

InputBox("Enter number of sheets to insert.", \_

"Enter Multiple Sheets")

Sheets.Add After:=ActiveSheet, Count:=i

End Sub

You can use this code if you want to add multiple worksheets in your workbook in a single shot. When you run this macro code you will get an input box to enter the total number of sheets you want to enter.

**40. Protect Worksheet**

Sub ProtectWS()

ActiveSheet.Protect "mypassword", True, True

End Sub

If you want to protect your worksheet you can use this macro code. All you have to do just mention your password in the code.

**41. Un-Protect Worksheet**

Sub UnprotectWS()

ActiveSheet.Unprotect "mypassword"

End Sub

If you want to unprotect your worksheet you can use this macro code. All you have to do just mention your password which you have used while protecting your worksheet.

**42. Sort Worksheets**

Sub SortWorksheets()

Dim i As Integer

Dim j As Integer

Dim iAnswer As VbMsgBoxResult

iAnswer = MsgBox("Sort Sheets in Ascending Order?" & Chr(10) \_

& "Clicking No will sort in Descending Order", \_

vbYesNoCancel + vbQuestion + vbDefaultButton1, "Sort Worksheets")

For i = 1 To Sheets.Count

For j = 1 To Sheets.Count - 1

If iAnswer = vbYes Then

If UCase$(Sheets(j).Name) > UCase$(Sheets(j + 1).Name) Then

Sheets(j).Move After:=Sheets(j + 1)

End If

ElseIf iAnswer = vbNo Then

If UCase$(Sheets(j).Name) < UCase$(Sheets(j + 1).Name) Then Sheets(j).Move After:=Sheets(j + 1)

End If

End If

Next j

Next i

End Sub

This code will help you to sort worksheets in your workbook according to their name.

**43. Protect all the Cells With Formulas**

Sub lockCellsWithFormulas()

With ActiveSheet

.Unprotect

.Cells.Locked = False

.Cells.SpecialCells(xlCellTypeFormulas).Locked = True

.Protect AllowDeletingRows:=True

End With

End Sub

To protect cell with formula with a single click you can use this code.

**44. Delete all Blank Worksheets**

Sub deleteBlankWorksheets()

Dim Ws As Worksheet

On Error Resume Next

Application.ScreenUpdating= False

Application.DisplayAlerts= False

For Each Ws In Application.Worksheets

If Application.WorksheetFunction.CountA(Ws.UsedRange) = 0 Then

Ws.Delete

End If

Next

Application.ScreenUpdating= True

Application.DisplayAlerts= True

End Sub

Run this code and it will check all the worksheets in the active workbook and delete if a worksheet is blank.

**45. Unhide all Rows and Columns**

Sub UnhideRowsColumns()

Columns.EntireColumn.Hidden = False

Rows.EntireRow.Hidden = False

End Sub

Instead of unhiding rows and columns on by one manually you can use this code to do this in a single go.

**46. Save Each Worksheet as a Single PDF**

Sub SaveWorkshetAsPDF()

Dimws As Worksheet

For Each ws In Worksheets

ws.ExportAsFixedFormat \_

xlTypePDF, \_

"ENTER-FOLDER-NAME-HERE" & \_

ws.Name & ".pdf"

Next ws

End Sub

This code will simply save all the worksheets in a separate PDF file. You just need to change the folder name from the code.

**47. Disable Page Breaks**

Sub DisablePageBreaks()

Dim wb As Workbook

Dim wks As Worksheet

Application.ScreenUpdating = False

For Each wb In Application.Workbooks

For Each Sht In wb.Worksheets

Sht.DisplayPageBreaks = False

Next Sht

Next wb

Application.ScreenUpdating = True

End Sub

To disable page breaks use this code. It will simply disable page breaks from all the open workbooks.

**Workbook Codes**

These codes will help you to perform workbook level tasks in an easy way and with minimum efforts.

**48. Create a Backup of a Current Workbook**

Sub FileBackUp()

ThisWorkbook.SaveCopyAs Filename:=ThisWorkbook.Path & \_

"" & Format(Date, "mm-dd-yy") & " " & \_

ThisWorkbook.name

End Sub

This is one of the most useful macros which can help you to save a backup file of your current workbook. It will save a backup file in the same directory where your current file is saved and it will also add the current date with the name of the file.

**49. Close all Workbooks at Once**

Sub CloseAllWorkbooks()

Dim wbs As Workbook

For Each wbs In Workbooks

wbs.Close SaveChanges:=True

Next wb

End Sub

Use this macro code to close all open workbooks. This macro code will first check all the workbooks one by one and close them. If any of the worksheets is not saved, you'll get a message to save it.

**50. Copy Active Worksheet into a New Workbook**

Sub CopyWorksheetToNewWorkbook()

ThisWorkbook.ActiveSheet.Copy \_

Before:=Workbooks.Add.Worksheets(1)

End Sub

Let's say if you want to copy your active worksheet in a new workbook, just run this macro code and it will do the same for you. It's a super time saver.

**51. Active Workbook in an Email**

Sub Send\_Mail()

Dim OutApp As Object

Dim OutMail As Object

Set OutApp = CreateObject("Outlook.Application")

Set OutMail = OutApp.CreateItem(0)

With OutMail

.to = "Sales@FrontLinePaper.com"

.Subject = "Growth Report"

.Body = "Hello Team, Please find attached Growth Report."

.Attachments.Add ActiveWorkbook.FullName

.display

End With

Set OutMail = Nothing

Set OutApp = Nothing

End Sub

Use this macro code to quickly send your active workbook in an e-mail. You can change the subject, email, and body text in code and if you want to send this mail directly, use ".Send" instead of ".Display".

**52. Add Workbook to a Mail Attachment**

Sub OpenWorkbookAsAttachment()

Application.Dialogs(xlDialogSendMail).Show

End Sub

Once you run this macro it will open your default mail client and attached active workbook with it as an attachment.

**53. Welcome Message**

Sub auto\_open()

MsgBox \_

"Welcome To ExcelChamps & Thanks for downloading this file."

End Sub

You can use auto\_open to perform a task on opening a file and all you have to do just name your macro "auto\_open".

**54. Closing Message**

Sub auto\_close()

MsgBox "Bye Bye! Don't forget to check other cool stuff on

excelchamps.com"

End Sub

You can use close\_open to perform a task on opening a file and all you have to do just name your macro "close\_open".

**55. Count Open Unsaved Workbooks**

Sub VisibleWorkbooks()  
Dim book As Workbook  
Dim i As Integer  
For Each book In Workbooks  
If book.Saved = False Then  
i = i + 1  
End If  
Next book  
MsgBox i  
End Sub

Let’s you have 5-10 open workbooks, you can use this code to get the number of workbooks which are not saved yet.

**Pivot Table Codes**

These codes will help you to manage and make some changes in pivot tables in a flash.

**56. Hide Pivot Table Subtotals**

Sub HideSubtotals()

Dim pt As PivotTable

Dim pf As PivotField

On Error Resume Next

Set pt = ActiveSheet.PivotTables(ActiveCell.PivotTable.Name)

If pt Is Nothing Then

MsgBox "You must place your cursor inside of a PivotTable."

Exit Sub

End If

For Each pf In pt.PivotFields

pf.Subtotals(1) = True

pf.Subtotals(1) = False

Next pf

End Sub

If you want to hide all the subtotals, just run this code. First of all, make sure to select a cell from your pivot table and then run this macro.

**57. Refresh All Pivot Tables**

Sub vba\_referesh\_all\_pivots()

Dim pt As PivotTable

For Each pt In ActiveWorkbook.PivotTables

pt.RefreshTable

Next pt

End Sub

A super quick method to [refresh all pivot tables](https://excelchamps.com/blog/refresh-all-pivot-tables/). Just run this code and all of your pivot tables in your workbook will be refresh in a single shot.

**58. Create a Pivot Table**

Follow this step by step guide to [create a pivot table using VBA](https://excelchamps.com/blog/vba-to-create-pivot-table/).

**59. Auto Update Pivot Table Range**

Sub UpdatePivotTableRange()

Dim Data\_Sheet As Worksheet

Dim Pivot\_Sheet As Worksheet

Dim StartPoint As Range

Dim DataRange As Range

Dim PivotName As String

Dim NewRange As String

Dim LastCol As Long

Dim lastRow As Long

'Set Pivot Table & Source Worksheet

Set Data\_Sheet = ThisWorkbook.Worksheets("PivotTableData3")

Set Pivot\_Sheet = ThisWorkbook.Worksheets("Pivot3")

'Enter in Pivot Table Name

PivotName = "PivotTable2"

'Defining Staring Point & Dynamic Range

Data\_Sheet.Activate

Set StartPoint = Data\_Sheet.Range("A1")

LastCol = StartPoint.End(xlToRight).Column

DownCell = StartPoint.End(xlDown).Row

Set DataRange = Data\_Sheet.Range(StartPoint, Cells(DownCell, LastCol))

NewRange = Data\_Sheet.Name & "!" & DataRange.Address(ReferenceStyle:=xlR1C1)

'Change Pivot Table Data Source Range Address

Pivot\_Sheet.PivotTables(PivotName). \_

ChangePivotCache ActiveWorkbook. \_

PivotCaches.Create(SourceType:=xlDatabase, SourceData:=NewRange)

'Ensure Pivot Table is Refreshed

Pivot\_Sheet.PivotTables(PivotName).RefreshTable

'Complete Message

Pivot\_Sheet.Activate

MsgBox "Your Pivot Table is now updated."

End Sub

If you are not using Excel tables then you can use this code to [update pivot table range](https://excelchamps.com/blog/auto-update-pivot-table-range/).

**60. Disable/Enable Get Pivot Data**

Sub activateGetPivotData()

Application.GenerateGetPivotData = True

End Sub

Sub deactivateGetPivotData()

Application.GenerateGetPivotData = False

End Sub

To disable/enable GetPivotData function you need to use Excel option. But with this code you can do it in a single click.

**Charts Codes**

Use these VBA codes to manage charts in Excel and save your lot of time.

**61. Change Chart Type**

Sub ChangeChartType()

ActiveChart.ChartType = xlColumnClustered

End Sub

This code will help you to convert chart type without using chart options from the tab. All you have to do just specify to which type you want to convert.  
  
Below code will convert selected chart to a clustered column chart. There are different codes for different types, you can [find all those types from here](https://msdn.microsoft.com/en-us/library/office/ff838409.aspx).

**62. Paste Chart as an Image**

Sub ConvertChartToPicture()

ActiveChart.ChartArea.Copy

ActiveSheet.Range("A1").Select

ActiveSheet.Pictures.Paste.Select

End Sub

This code will help you to convert your chart into an image. You just need to select your chart and run this code.

**63. Add Chart Title**

Sub AddChartTitle()

Dim i As Variant

i = InputBox("Please enter your chart title", "Chart Title")

On Error GoTo Last

ActiveChart.SetElement (msoElementChartTitleAboveChart)

ActiveChart.ChartTitle.Text = i

Last:

Exit Sub

End Sub

First of all, you need to select your chart and the run this code. You will get an input box to enter chart title.

**Advanced Codes**

Some of the codes which you can use to preform advanced task in your spreadsheets.

**64. Save Selected Range as a PDF**

Sub HideSubtotals()

Dim pt As PivotTable

Dim pf As PivotField

On Error Resume Next

Set pt = ActiveSheet.PivotTables(ActiveCell.PivotTable.name)

If pt Is Nothing Then

MsgBox "You must place your cursor inside of a PivotTable."

Exit Sub

End If

For Each pf In pt.PivotFields

pf.Subtotals(1) = True

pf.Subtotals(1) = False

Next pf

End Sub

If you want to hide all the subtotals, just run this code. First of all, make sure to select a cell from your pivot table and then run this macro.

**65. Create a Table of Content**

Sub TableofContent()

Dim i As Long

On Error Resume Next

Application.DisplayAlerts = False

Worksheets("Table of Content").Delete

Application.DisplayAlerts = True

On Error GoTo 0

ThisWorkbook.Sheets.Add Before:=ThisWorkbook.Worksheets(1)

ActiveSheet.Name = "Table of Content"

For i = 1 To Sheets.Count

With ActiveSheet

.Hyperlinks.Add \_

Anchor:=ActiveSheet.Cells(i, 1), \_

Address:="", \_

SubAddress:="'" & Sheets(i).Name & "'!A1", \_

ScreenTip:=Sheets(i).Name, \_

TextToDisplay:=Sheets(i).Name

End With

Next i

End Sub

Let's say you have more than 100 worksheets in your workbook and it's hard to navigate now. Don't worry this macro code will rescue everything. When you run this code it will create a new worksheet and create a index of worksheets with a hyperlink to them.

**66. Convert Range into an Image**

Sub PasteAsPicture()

Application.CutCopyMode = False

Selection.Copy

ActiveSheet.Pictures.Paste.Select

End Sub

Paste selected range as an image. You just have to select the range and once you run this code it will automatically [insert a picture for that range](https://excelchamps.com/blog/camera-tool/).

**67. Insert a Linked Picture**

Sub LinkedPicture()

Selection.Copy

ActiveSheet.Pictures.Paste(Link:=True).Select

End Sub

This VBA code will convert your selected range into a linked picture and you can use that image anywhere you want.

**68. Use Text to Speech**

Sub Speak()

Selection.Speak

End Sub

Just select a range and run this code. Excel will speak all the text what you have in that range, cell by cell.

**69. Activate Data Entry Form**

Sub DataForm()

ActiveSheet.ShowDataForm

End Sub

There is a [default data entry form](https://excelchamps.com/blog/data-entry-form/) which you can use for data entry.

**70. Use Goal Seek**

Sub GoalSeekVBA()

Dim Target As Long

On Error GoTo Errorhandler

Target = InputBox("Enter the required value", "Enter Value")

Worksheets("Goal\_Seek").Activate

With ActiveSheet.Range("C7")

.GoalSeek\_ Goal:=Target, \_

ChangingCell:=Range("C2")

End With

Exit Sub

Errorhandler: MsgBox ("Sorry, value is not valid.")

End Sub

Goal Seek can be super helpful for you to solve complex problems. Learn more about [goal seek from here](https://excelchamps.com/blog/goal-seek/) before you use this code.

**71. VBA Code to Search on Google**

Sub SearchWindow32()

Dim chromePath As String

Dim search\_string As String

Dim query As String

query = InputBox("Enter here your search here", "Google Search")

search\_string = query

search\_string = Replace(search\_string, " ", "+")

'Uncomment the following line for Windows 64 versions and comment out Windows 32 versions'

'chromePath = "C:Program FilesGoogleChromeApplicationchrome.exe"

'Uncomment the following line for Windows 32 versions and comment out Windows 64 versions

'chromePath = "C:Program Files (x86)GoogleChromeApplicationchrome.exe"

Shell (chromePath & " -url http://google.com/#q=" & search\_string)

End Sub

Follow this post to learn how to use this [VBA code to search on Google](https://excelchamps.com/blog/vba-code-search-google-chrome/).

**Formula Codes**

These codes will help you to calculate or get results which often you do with worksheet functions and formulas.

**72. Convert all Formulas into Values**

Sub convertToValues()

Dim MyRange As Range

Dim MyCell As Range

Select Case \_

MsgBox("You Can't Undo This Action. " \_

& "Save Workbook First?", vbYesNoCancel, \_

"Alert")

Case Is = vbYes

ThisWorkbook.Save

Case Is = vbCancel

Exit Sub

End Select

Set MyRange = Selection

For Each MyCell In MyRange

If MyCell.HasFormula Then

MyCell.Formula = MyCell.Value

End If

Next MyCell

End Sub

Simply convert formulas into values. When you run this macro it will quickly change the [formulas into absolute values](https://excelchamps.com/blog/convert-to-value/).

**73. Remove Spaces from Selected Cells**

Sub RemoveSpaces()

Dim myRange As Range

Dim myCell As Range

Select Case MsgBox("You Can't Undo This Action. " \_

& "Save Workbook First?", \_

vbYesNoCancel, "Alert")

Case Is = vbYesThisWorkbook.Save

Case Is = vbCancel

Exit Sub

End Select

Set myRange = Selection

For Each myCell In myRange

If Not IsEmpty(myCell) Then

myCell = Trim(myCell)

End If

Next myCell

End Sub

One of the most useful macros from this list. It will check your selection and then remove all the extra spaces from that.

**74. Remove Characters from a String**

Public Function removeFirstC(rng As String, cnt As Long)

removeFirstC = Right(rng, Len(rng) - cnt)

End Function

Simply remove characters from the starting of a text string. All you need is to refer to a cell or insert a text into the function and number of characters to remove from the text string.

It has two arguments "rng" for the text string and "cnt" for the count of characters to remove. **For Example:** If you want to [remove first characters from a cell](https://excelchamps.com/blog/remove-first-character/), you need to enter 1 in cnt.

**75. Add Insert Degree Symbol in Excel**

Sub degreeSymbol( )

Dim rng As Range

For Each rng In Selection

rng.Select

If ActiveCell <> "" Then

If IsNumeric(ActiveCell.Value) Then

ActiveCell.Value = ActiveCell.Value & "°"

End If

End If

Next

End Sub

Let’s say you have a list of numbers in a column and you want to [add degree symbol](https://excelchamps.com/blog/degree-symbol/) with all of them.

**76. Reverse Text**

Public Function rvrse(ByVal cell As Range) As String

rvrse = VBA.strReverse(cell.Value)

End Function

All you have to do just enter "rvrse" function in a cell and refer to the cell in which you have text which you want to reverse.

**77. Activate R1C1 Reference Style**

Sub ActivateR1C1()

If Application.ReferenceStyle = xlA1 Then

Application.ReferenceStyle = xlR1C1

Else

Application.ReferenceStyle = xlR1C1

End If

End Sub

This macro code will help you to activate [R1C1 reference style](https://excelchamps.com/blog/r1c1-reference-style/) without using Excel options.

**78. Activate A1 Reference Style**

Sub ActivateA1()

If Application.ReferenceStyle = xlR1C1 Then

Application.ReferenceStyle = xlA1

Else

Application.ReferenceStyle = xlA1

End If

End Sub

This macro code will help you to activate A1 reference style without using Excel options.

**79. Insert Time Range**

Sub TimeStamp()

Dim i As Integer

For i = 1 To 24

ActiveCell.FormulaR1C1 = i & ":00"

ActiveCell.NumberFormat = "[$-409]h:mm AM/PM;@"

ActiveCell.Offset(RowOffset:=1, ColumnOffset:=0).Select

Next i

End Sub

With this code, you can insert a time range in sequence from 00:00 to 23:00.

**80. Convert Date into Day**

Sub date2day()

Dim tempCell As Range

Selection.Value = Selection.Value

For Each tempCell In Selection

If IsDate(tempCell) = True Then

With tempCell

.Value = Day(tempCell)

.NumberFormat = "0"

End With

End If

Next tempCell

End Sub

If you have dates in your worksheet and you want to convert all those dates into days then this code is for you. Simply select the range of cells and run this macro.

**81. Convert Date into Year**

Sub date2year()

Dim tempCell As Range

Selection.Value = Selection.Value

For Each tempCell In Selection

If IsDate(tempCell) = True Then

With tempCell

.Value = Year(tempCell)

.NumberFormat = "0"

End With

End If

Next tempCell

End Sub

This code will convert dates into years.

**82. Remove Time from Date**

Sub removeTime()

Dim Rng As Range

For Each Rng In Selection

If IsDate(Rng) = True Then

Rng.Value = VBA.Int(Rng.Value)

End If

Next

Selection.NumberFormat = "dd-mmm-yy"

End Sub

If you have time with the date and you want to remove it then you can use this code.

**83. Remove Date from Date and Time**

Sub removeDate()

Dim Rng As Range

For Each Rng In Selection

If IsDate(Rng) = True Then

Rng.Value = Rng.Value - VBA.Fix(Rng.Value)

End If

NextSelection.NumberFormat = "hh:mm:ss am/pm"

End Sub

It will return only time from a date and time value.

**84. Convert to Upper Case**

Sub convertUpperCase()

Dim Rng As Range

For Each Rng In Selection

If Application.WorksheetFunction.IsText(Rng) Then

Rng.Value = UCase(Rng)

End If

Next

End Sub

Select the cells and run this code. It will check each and every cell of selected range and then convert it into upper case text.

**85. Convert to Lower Case**

Sub convertLowerCase()

Dim Rng As Range

For Each Rng In Selection

If Application.WorksheetFunction.IsText(Rng) Then

Rng.Value= LCase(Rng)

End If

Next

End Sub

This code will help you to convert selected text into lower case text. Just select a range of cells where you have text and run this code. If a cell has a number or any value other than text that value will remain same.

**86. Convert to Proper Case**

Sub convertProperCase()

Dim Rng As Range

For Each Rng In Selection

If WorksheetFunction.IsText(Rng) Then

Rng.Value = WorksheetFunction.Proper(Rng.Value)

End If

Next

End Sub

And this code will convert selected text into the proper case where you have the first letter in capital and rest in small.

**87. Convert to Sentence Case**

Sub convertTextCase()

Dim Rng As Range

For Each Rng In Selection

If WorksheetFunction.IsText(Rng) Then

Rng.Value = UCase(Left(Rng, 1)) & LCase(Right(Rng, Len(Rng) - 1))

End If

Next Rng

End Sub

In text case, you have the first letter of the first word in capital and rest all in words in small for a single sentence and this code will help you convert [normal text into sentence case](https://excelchamps.com/blog/sentence-case/).

**88. Remove a Character from Selection**

Sub removeChar()

Dim Rng As Range

Dim rc As String

rc = InputBox("Character(s) to Replace", "Enter Value")

For Each Rng In Selection

Selection.Replace What:=rc, Replacement:=""

Next

End Sub

To remove a particular character from a selected cell you can use this code. It will show you an input box to enter the character you want to remove.

**89. Word Count from Entire Worksheet**

Sub Word\_Count\_Worksheet()

Dim WordCnt As Long

Dim rng As Range

Dim S As String

Dim N As Long

For Each rng In ActiveSheet.UsedRange.Cells

S = Application.WorksheetFunction.Trim(rng.Text)

N = 0

If S <> vbNullString Then

N = Len(S) - Len(Replace(S, " ", "")) + 1

End If

WordCnt = WordCnt + N

Next rng

MsgBox "There are total " \_

& Format(WordCnt, "#,##0") & \_

" words in the active worksheet"

End Sub

It can help you to count all the words from a worksheet.

**90. Remove the Apostrophe from a Number**

Sub removeApostrophes()

Selection.Value = Selection.Value

End Sub

If you have numeric data where you have an apostrophe before each number, you run this code to remove it.

**91. Remove Decimals from Numbers**

Sub removeDecimals()

Dim lnumber As Double

Dim lResult As Long

Dim rng As Range

For Each rng In Selection

rng.Value = Int(rng)

rng.NumberFormat = "0"

Next rng

End Sub

This code will simply help you to remove all the decimals from the numbers from the selected range.

**92. Multiply all the Values by a Number**

Sub addNumber()

Dim rng As Range

Dim i As Integer

i = InputBox("Enter number to multiple", "Input Required")

For Each rng In Selection

If WorksheetFunction.IsNumber(rng) Then

rng.Value = rng + i

Else

End If

Next rng

End Sub

Let’s you have a list of numbers and you want to multiply all the number with a particular. **To use this code**: Select that range of cells and run this code. It will first ask you for the number with whom you want to multiple and then instantly multiply all the numbers with it.

**93. Add a Number in all the Numbers**

Sub addNumber()

Dim rng As Range

Dim i As Integer

i = InputBox("Enter number to multiple", "Input Required")

For Each rng In Selection

If WorksheetFunction.IsNumber(rng) Then

rng.Value = rng + i

Else

End If

Next rng

End Sub

Just like multiplying you can also add a number into a set of numbers.

**94. Calculate the Square Root**

Sub getSquareRoot()

Dim rng As Range

Dim i As Integer

For Each rng In Selection

If WorksheetFunction.IsNumber(rng) Then

rng.Value = Sqr(rng)

Else

End If

Next rng

End Sub

To calculate square root without applying a formula you can use this code. It will simply check all the selected cells and convert numbers to their square root.

**95. Calculate the Cube Root**

Sub getCubeRoot()

Dim rng As Range

Dimi As Integer

For Each rng In Selection

If WorksheetFunction.IsNumber(rng) Then

rng.Value = rng ^ (1 / 3)

Else

End If

Nextrng

End Sub

To calculate cube root without applying a formula you can use this code. It will simply check all the selected cells and convert numbers to their cube root.

**96. Add A-Z Alphabets in a Range**

Sub addsAlphabets1()

Dim i As Integer

For i = 65 To 90

ActiveCell.Value = Chr(i)

ActiveCell.Offset(1, 0).Select

Next i

End Sub

Sub addsAlphabets2()

Dim i As Integer

For i = 97 To 122

ActiveCell.Value = Chr(i)

ActiveCell.Offset(1, 0).Select

Next i

End Sub

Just like serial numbers you can also insert alphabets in your worksheet. Beloware the code which you can use.

**97. Convert Roman Numbers into Arabic Numbers**

Sub convertToNumbers()

Dim rng As Range

Selection.Value = Selection.Value

For Each rng In Selection

If Not WorksheetFunction.IsNonText(rng) Then

rng.Value = WorksheetFunction.Arabic(rng)

End If

Next rng

End Sub

Sometimes it’s really hard to understand Roman numbers as serial numbers. This code will help you to convert roman numbers into Arabic numbers.

**98. Remove Negative Signs**

Sub removeNegativeSign()

Dim rng As Range

Selection.Value = Selection.Value

For Each rng In Selection

If WorksheetFunction.IsNumber(rng) Then

rng.Value = Abs(rng)

End If

Next rng

This code will simply check all the cell in the selection and convert all the negative numbers into positive. Just select a range and run this code.

**99. Replace Blank Cells with Zeros**

Sub replaceBlankWithZero()

Dim rng As Range

Selection.Value = Selection.Value

For Each rng In Selection

If rng = "" Or rng = " " Then

rng.Value = "0"

Else

End If

Next rng

End Sub

For data where you have blank cells, you can use the below code to add zeros in all those cells. It makes easier to use those cells in further calculations.

**More VBA Examples**

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About the Author



Puneet is using Excel since his college days. He helped thousands of people to understand the power of the spreadsheets and learn Microsoft Excel. You can ﬁnd him online, tweeting about Excel, on a running track, or sometimes hiking up a mountain.

[Learn Excel (Videos)](https://www.youtube.com/c/excelchamps?sub_confirmation=1." \t "_blank)

[Connect with Puneet](https://www.linkedin.com/in/puneet-gogia/" \t "_blank)

**202 thoughts**

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Bottom of Form

1. **Sifat**

[17 Mar, 22 at 4:34 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-59783)

Hi sir , I used VBA code in word file for mail-merge. In this VBA i prepared 10 increment letter of employees in PDF file.  
Now I want a VBA CODE in which i will protect these PDF files with with a unique password for each employee increment latter and then send this protected PDF file to each employee on his email address.  
Can you provide me VBA Code for it. Waiting For your cool response Thanks in advance

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-59783)

1. **Loic B**

[14 Mar, 22 at 4:10 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-59709)

Hi

I’ve just started learning programing with VBA and I was wondering how I can create a specific MACRO.

The macro I’d hope to create should have the function that it automatically merges cells once the cell height exceeds it’s maximum height of 409 due to large data being put into it.

Could you assist me on this please?

Kind regards

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-59709)

1. **Zuhoor Elahi**

[13 Mar, 22 at 12:09 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-59676)

Hi  
Dear Puneet  
I am new in VBA programing  
I need your help in making a little program.  
I have a list of 10 angles in a column in excel worksheet.  
First of all I have to find out the sin of those angles in the next column.  
Then, divide those values by the minimum of them.  
What will be the code?  
Thanking you in advance.  
Regards

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-59676)

1. **Teri**

[5 Mar, 22 at 2:56 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-59483)

Great info. You put a lot of time into this. Unfortunately, it does not cover what I am trying to do. Do you have a code for the following scenario?  
I have a spreadsheet that contains 100 rows. Each row has multiple columns of data. I would like to take data from each row – one row at a time and copy into another spreadsheet. This spreadsheet is designed to look like a report. I am able to do this with my current level of knowledge. I will need to do this for each row of data – thus, I will need to do this 100x. I have created a recorded macro that will take each cell from the 1st row and place it in the proper place on the “report spreadsheet” and then print the spreadsheet. I need to do this for each row though. I actually spent the afternoon recording a macro where I went through and did this individually with each row (100 times). When I tried to run the macro, it said it was too big. Ugh… all that work for nothing. I have read about looping, but was not sure how to code that. I was hoping that I could add a looping code to the first original macro that takes info from row 1 of spreadsheet1 and pastes it into the proper cells on spreadsheet2 (report spreadsheet) and then prints it. Is this possible or will it be too big as well? Thank you in advance for your help.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-59483)

* + **Darbi**

[18 Apr, 22 at 8:38 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-60849)

I’m looking for a similar process too!

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-60849)

1. **Jon**

[14 Feb, 22 at 9:43 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-58699)

Hello and thankyou for all the information!! I am trying to create a table and autofit column width on the body of the table, not the headers.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-58699)

1. **Rick Rothstein**

[7 Feb, 22 at 9:49 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-58374)

Here are some shorter alternates for a few of the macros you posted…

‘1. Add Serial Numbers  
Sub AddSerialNumbers()  
Dim X As Variant  
X = InputBox(“Enter Value”, “Enter Serial Numbers”)  
If Len(X) > 0 And Not X Like “\*[!0-9]\*” Then  
ActiveCell.Resize(X) = Evaluate(“ROW(1:” & X & “)”)  
End If  
End Sub

’12. Highlight the Active Row and Column  
Private Sub Worksheet\_BeforeDoubleClick(ByVal Target As Range, Cancel As Boolean)  
Union(Target.EntireColumn, Target.EntireRow).Select  
End Sub

’17. Highlight Negative Numbers  
Sub highlightNegativeNumbers()  
Application.ReplaceFormat.Clear  
Application.ReplaceFormat.Font.Color = vbRed  
Selection.Replace “-\*”, “”, xlWhole, SearchFormat:=False, ReplaceFormat:=True  
Application.ReplaceFormat.Clear  
End Sub

’22. Highlight Cells With Error in the Entire Worksheet  
Sub highlightErrors()  
With Cells.SpecialCells(xlFormulas, xlErrors)  
.Style = “Bad”  
MsgBox “Total errors on worksheet: ” & .Count  
End With  
End Sub

’24. Highlight all the Blank Cells Invisible Space  
Sub blankWithSpace()  
Application.ReplaceFormat.Clear  
Application.ReplaceFormat.Interior.ColorIndex = 40  
ActiveSheet.UsedRange.Replace ” “, “”, xlWhole, SearchFormat:=False, ReplaceFormat:=True  
Application.ReplaceFormat.Clear  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-58374)

1. **David Bergeron**

[29 Jan, 22 at 11:03 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-57973)

I’m trying to transliterate a excel document which has greek letters. I’d tried to write a macro, but failed.

This macro was suppose to change the greek alpha character to an ‘a’

But is does not like the Unichar function I tried to use. Yes, I know very little about excel macros

Sub Macro3()  
‘  
‘ Macro3 Macro  
‘

‘  
Cells.Replace What:=Unichar(945), Replacement:=”a”, LookAt:=xlPart, SearchOrder \_  
:=xlByRows, MatchCase:=False, SearchFormat:=False, ReplaceFormat:=False \_  
, FormulaVersion:=xlReplaceFormula2  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-57973)

1. **Eugene Leong**

[26 Jan, 22 at 12:18 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-57818)

Hello,

Your codes are really useful.  
I found that your .SetFirstPriority isn’t showing up fully that’s why when I copy and paste it errored out “sub not defined”.

Thank you!

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-57818)

1. **Colin**

[25 Jan, 22 at 9:38 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-57808)

Hello I’m new to macros and have the basic principle of how to use them, but code writing is not a strong point for me. What I would like to do is create a button in excel so when I open my sheet to pay the next invoice I can click this button and the totals in column “G”, copy over to column “I” but when they copy from “G” to “I” the totals keep adding up in “I”.  
I hope this makes sense…can anyone help?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-57808)

1. **Genet Resom**

[10 Nov, 21 at 8:28 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-54822)

Hi guys I’m new to this group. I have the data that will be printed by entering Id.no. in the specific cell. Then I will printed it and insert the next ID. Then print, enter the next ID. Then, print, ID, Print,…. When I write the ID, the course result has been changed. This is my question.  
Is there any code that will do insert sequential ID number to that cell and print sequentially. In addition that can I specify the number “1-12” or “1-20” by using user input box?  
Thanks in advance.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-54822)

* + **jackson**

[11 Nov, 21 at 2:32 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-54834)

Hello guys thanks..i wanted to undestnad below codes can someone pls help for declaration part

Private Declare PtrSafe Function SetCursorPos Lib “user32” (ByVal x As Long, ByVal y As Long) As Long  
Private Declare PtrSafe Sub mouse\_event Lib “user32” (ByVal dwFlags As Long, ByVal dx As Long, ByVal dy As Long, ByVal cButtons As Long, ByVal dwExtraInfo As Long)  
Private Const MOUSEEVENTF\_LEFTDOWN = &H2  
Private Const MOUSEEVENTF\_LEFTUP = &H4  
Private Const MOUSEEVENTF\_RIGHTDOWN As Long = &H8  
Private Const MOUSEEVENTF\_RIGHTUP As Long = &H10

Declare PtrSafe Sub Sleep Lib “kernel32” (ByVal dwMilliseconds As Long)

Public Declare PtrSafe Function GetCursorPos Lib “user32” (lpPoint As POINTAPI) As Long  
Public Type POINTAPI  
x As Long  
y As Long  
End Type

Sub MouseMove()

Dim lngCurPos As POINTAPI  
Dim StartTime As Double  
Dim SecondsElapsed As Double  
Dim MinutesElapsed As String

StartTime = Timer  
StartTime1 = Timer  
GetCursorPos lngCurPos  
x2 = lngCurPos.x  
y2 = lngCurPos.y  
Worksheets(“Sheet1”).Range(“B1:B6”).Value = “”  
Worksheets(“Sheet1”).Range(“A1”).Value = “Cursor Position”  
Worksheets(“Sheet1”).Range(“A2”).Value = “Time Elapsed”  
Worksheets(“Sheet1”).Range(“A3”).Value = “Seconds Elapsed”  
Worksheets(“Sheet1”).Range(“A4”).Value = “Time Remaining”  
Worksheets(“Sheet1”).Range(“A5”).Value = “Times Activated”  
Worksheets(“Sheet1”).Range(“A6”).Value = “Total Run Time”  
Worksheets(“Sheet1”).Range(“A7”).Value = “Time to Activate”  
Worksheets(“Sheet1”).Range(“B4”).Interior.ColorIndex = xlNone  
Worksheets(“Sheet1”).Range(“B7”).Interior.ColorIndex = 6  
Worksheets(“Sheet1”).Range(“A1:B7”).Borders.LineStyle = xlContinuous  
Worksheets(“Sheet1”).Columns(“A”).ColumnWidth = 21  
Worksheets(“Sheet1”).Columns(“B”).ColumnWidth = 15  
Worksheets(“Sheet1”).Columns(“B”).HorizontalAlignment = xlCenter  
If Worksheets(“Sheet1”).Range(“B7”).Value = “” Then  
Worksheets(“Sheet1”).Range(“B7”).Value = “12:01:00 AM”  
End If  
Worksheets(“Sheet1”).Range(“B7”).NumberFormat = “hh:mm:ss”

SecondsToActivate = Worksheets(“Sheet1”).Range(“B7”).Value  
SecondsToActivate = Hour(SecondsToActivate) \* 3600 + Minute(SecondsToActivate) \* 60 + Second(SecondsToActivate)

counter = 0

Do

DoEvents

GetCursorPos lngCurPos  
x1 = lngCurPos.x  
y1 = lngCurPos.y

If x1 x2 Or y1 y2 Then  
StartTime = Timer  
Worksheets(“Sheet1”).Range(“B4”).Interior.ColorIndex = xlNone  
End If

SecondsElapsed = Round(Timer – StartTime, 2)  
MinutesElapsed = Format(((Timer – StartTime) – 0.5) / 86400, “hh:mm:ss”)

Worksheets(“Sheet1”).Range(“B1”).Value = “X: ” & lngCurPos.x & ” Y: ” & lngCurPos.y  
Worksheets(“Sheet1”).Range(“B2”).Value = MinutesElapsed  
Worksheets(“Sheet1”).Range(“B3”).Value = SecondsElapsed  
Worksheets(“Sheet1”).Range(“B4”).Value = Format(((SecondsToActivate – SecondsElapsed) + 0.5) / 86400, “hh:mm:ss”)  
Worksheets(“Sheet1”).Range(“B5”).Value = counter  
Worksheets(“Sheet1”).Range(“B6”).Value = Format(((Timer – StartTime1) – 0.5) / 86400, “hh:mm:ss”)

If SecondsElapsed = SecondsToActivate \* 0.7 And SecondsElapsed = SecondsToActivate \* 0.8 And SecondsElapsed = SecondsToActivate \* 0.9 And SecondsElapsed = SecondsToActivate \* 0.95 Then  
If SecondsElapsed Mod 2 = 0 Then  
Worksheets(“Sheet1”).Range(“B4”).Interior.ColorIndex = xlNone  
Worksheets(“Sheet1”).Range(“B4”).Font.Color = RGB(255, 0, 0)  
ElseIf SecondsElapsed Mod 2 0 Then  
Worksheets(“Sheet1”).Range(“B4”).Interior.ColorIndex = 3  
Worksheets(“Sheet1”).Range(“B4”).Font.Color = RGB(255, 255, 255)  
End If  
End If

If SecondsElapsed >= SecondsToActivate Then  
Worksheets(“Sheet1”).Range(“B4”).Interior.ColorIndex = xlNone  
Worksheets(“Sheet1”).Range(“B4”).Font.Color = RGB(0, 0, 255)  
For i = 1 To 500  
For j = 1 To 100  
SetCursorPos x1 + j, y1  
Next j  
For j = 99 To 0 Step -1  
SetCursorPos x1 + j, y1  
Next j  
Next i  
mouse\_event MOUSEEVENTF\_LEFTDOWN, 0&, 0&, 0&, 0&  
Sleep 100  
mouse\_event MOUSEEVENTF\_LEFTUP, 0&, 0&, 0&, 0&  
Sleep 100  
SendKeys “{NUMLOCK}”, True  
Sleep 100  
SendKeys “{NUMLOCK}”, True  
Sleep 100  
StartTime = Timer  
counter = counter + 1  
End If

GetCursorPos lngCurPos  
x2 = lngCurPos.x  
y2 = lngCurPos.y

Sleep 250

Loop

End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-54834)

1. **Cindy**

[2 Nov, 21 at 12:22 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-54488)

So I have Data I need to paste daily on one worksheet and update the pivot table and then I want it to automatically update each blank row on the correct person’s name on another worksheet. Is that possible?  
2022 Day Saturday Sunday Monday Tuesday Wednesday Thursday  
Date 1/1/2022 1/2/2022 1/3/2022 1/4/2022 1/5/2022 1/6/2022  
User Name Work Team  
Mouse, Micky Cartoon 5  
Mouse, Minnie Cartoon 7  
Dog, Pluto Cartoon 2  
Doggie, Goofy Cartoon 3  
Man, Super DC 30  
Woman, Wonder DC 35  
America, Captain Marvel 30  
Widow, Black Marvel 25

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-54488)

1. **Kath**

[8 Oct, 21 at 11:35 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-53489)

Hi and thanks for the previous examples!

Any idea how I could solve this?

“A mouse sits in front of a 5.5m high rock. Every day she will climb 60cm upwards and every night she slips back 10% of her height reached so far. How many days will she have to climb to reach the top of the rock?”

Thanks for the help!

Kath

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-53489)

1. **Victor Manuel Alvarez Menendez**

[30 Sep, 21 at 7:50 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-52884)

Dear Sir  
Please, what is the error in this program?

Sub XFMRS()  
Dim VUELTAS\_AT, VUELTAS\_BT, RDT, rounddown, roundup  
VUELTAS\_AT = 25  
VUELTAS\_BT = 8

RDT = VUELTAS\_AT / VUELTAS\_BT

If ((RDT) – Int(RDT)) < 0.5 Then  
RDT = rounddown(RDT, 0)  
Else  
RDT = roundup(RDT, 0)  
Debug.Print "RDT="; RDT  
End If  
End Sub  
Thanks for help  
Best Regards

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-52884)

1. **G Shyamsunder Reddy**

[26 Sep, 21 at 6:24 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-52683)

Hello Team,

I created a drop down according my data, and i required my drop down data should act like selection of item, if i select 1 item 1 time it should save in another sheet, If i selected multiple items, gradually it should form a list of items, for ex, like shopping apps if we select 1 materials it takes another page and note it down, So, I request the team please help me out of this with your valuable code,

Thanks & Regards,  
G Shyamsunder Reddy

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-52683)

1. **Chet**

[11 Sep, 21 at 7:54 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-52225)

Great. Thanks for sharing

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-52225)

1. **Tahir**

[7 Aug, 21 at 1:18 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-50991)

Hi dear sir/madam  
I HV created a sheet with formulas &formattes when I enter data from my userform it replace the formulas in cells.  
Kindly provide me a VBA code that add data to sheets but don’t edit or replace my formulas & formates.  
Thanks  
My email is bellow  
[spailanee@gmail.com](mailto:spailanee@gmail.com)

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-50991)

1. **EKTA**

[30 Jul, 21 at 1:37 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-50618)

There is the change in below point  
64. Save Selected Range as a PDF

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-50618)

1. **ABRAHAM RAMON**

[27 Jun, 21 at 7:59 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-49152)

need the macro excel code to designate a specific a printer

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-49152)

1. **Tamal**

[3 May, 21 at 7:18 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-46170)

Hi Need help on one macro setup to move files from one folder to another  
Conditions:  
1. I have a excel containing list of names for some files that are kept in “master” folder(column A)  
2. The source path in given in Column B for each file name.  
3. Similarly the destination path in given in Column C for each file name.  
4. From each row of the list, the macro will pull the name, the Source path and the destination path and will move that file.  
5. All .xlsx, .pdf and .csv files are in “master” folder some of which are to be transferred to “Mr. A”, “Mr. B” and “Mr. C” folders according to name  
6. there are 3 files with same name and with extension .xlsx, .pdf and .csv respectively.

Please help.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-46170)

1. **samdat**

[25 Apr, 21 at 4:47 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-45705)

Hello Puneet, thanks for those macros, Im looking for one that converts the clipboard contents into 4 lines of the same data copied, however, each line is restricted to 50 characters, any data exceeds or overflow will carry over to the next line below to continue.  
So assuming I copy a paragraph from another source and wants to paste it into Excel  
Then I want to have it reformat to fit 50 characters per line.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-45705)

1. **yeah**

[23 Apr, 21 at 10:13 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-45663)

what is the funtion:  
tFirstPriority?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-45663)

1. **Geert Lotthior**

[12 Apr, 21 at 7:26 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-44961)

is there a way, when i open the excell-file with multiple pages that the cursor is going directly to de cell with de active date?

Thanx.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-44961)

* + **jOEYc**

[9 Jul, 21 at 4:49 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-49690)

Private Sub Worksheet\_Activate()  
Dim FindString As Date  
Dim Rng As Range  
FindString = CLng(Date)  
With Rows(“3:3”)  
Set Rng = .Find(What:=FindString, \_  
After:=.Cells(.Cells.Count), \_  
LookIn:=xlFormulas, \_  
LookAt:=xlWhole, \_  
SearchOrder:=xlByRows, \_  
SearchDirection:=xlNext, \_  
MatchCase:=False)  
If Not Rng Is Nothing Then  
Application.Goto Rng, True  
Else

‘Give a message that todays date was not found

MsgBox “Nothing found”  
End If  
End With  
Module1.Macro1  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-49690)

1. **Ajay**

[24 Dec, 20 at 1:11 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-39320)

I want to convert Numbers to Indian Rupees and convert it into words.  
For example:  
1.00 = Rupees One and Zero Pise  
10.61 = Rupees Ten and Sixty-One Paise  
132,61,21,326.31 = Rupees One Hundred Thirty-Two Crore Sixty-One Lakhs Twenty-One Thousand Three Hundred and Twenty-Six and Thirty-One Paise  
13,62,74,82,000.21 = Rupees One Thousand Three Hundred Sixty-Two Crores Seventy-Four Lakhs Eighty-Two Thousand and Twenty One Pise

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-39320)

1. **BHADLA HIGH**

[19 Nov, 20 at 8:04 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-37340)

If cell value (D12:D69)=”” in sheet12

Then  
1 click hide entire row hide  
2 click print preview

After close file die(DE:D69) unhide  
Row

Vba code

If possible

This

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-37340)

1. **Carmela**

[12 Nov, 20 at 8:41 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-36995)

Is there a way to send the current excel sheet or file as an attachment?  
When I click that hyperlink I want the file to be sent as an attachment to that address.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-36995)

1. [**DGR**](http://www.enptools.com/)

[8 Nov, 20 at 8:28 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-36734)

065 Table of Contents – variation. Add images of the first few rows of each sheet beside the hyperlinks. I’ve not error proofed it yet but you can get the idea…

’65. Create a Table of Content  
Sub TableofContent()  
Dim i As Long  
Dim myShape As Object  
Dim Rng As Range  
On Error Resume Next  
Application.DisplayAlerts = False  
Worksheets(“Table of Content”).Delete  
Application.DisplayAlerts = True  
On Error GoTo MyError  
ThisWorkbook.Sheets.Add Before:=ThisWorkbook.Worksheets(1)  
ActiveSheet.Name = “Table of Content”  
Columns(“A”).ColumnWidth = 40  
Columns(“B”).ColumnWidth = 140  
Columns(“A:A”).VerticalAlignment = xlTop  
For i = 1 To Sheets.Count  
With ActiveSheet  
.Hyperlinks.Add \_  
Anchor:=ActiveSheet.Cells(i, 1), \_  
Address:=””, \_  
SubAddress:=”‘” & Sheets(i).Name & “‘!A1”, \_  
ScreenTip:=Sheets(i).Name, \_  
TextToDisplay:=Sheets(i).Name  
End With  
Sheets(i + 1).Range(“A1:z7”).Copy  
Rows(i + 1).RowHeight = 60  
‘Cells(“A” & i).VerticalAlignment = xlVAlignCenter  
Range(“B” & i + 1).Select  
Set Rng = Selection  
ActiveSheet.Pictures.Paste.Select  
Set myShape = Selection  
With myShape  
.Top = Rng.Top + 1 ‘points from top  
.Left = Rng.Left + 1 ‘points from left  
.Width = Rng.Width – 2 ‘points wide  
.Height = Rng.Height – 2  
.Placement = xlMoveAndSize  
End With

Next i

MyError:  
Range(“A1”).Select  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-36734)

1. **Musibaudeen**

[30 Sep, 20 at 2:14 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-34993)

Can you help with VBA codes that will convert a dynamic range to PDF and send to individual WhatsApp number

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-34993)

1. **Bhojraj Timsina**

[7 Sep, 20 at 9:06 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-34426)

plz help me  
I need VBA code for for data entries form  
Id  
Name  
Adress  
Ph NO  
Deposit Monthly

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-34426)

1. **ESB**

[24 Jun, 20 at 10:20 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-31606)

Trying to find a way to log maintenance done on equipment. I have made a Table set that highlights when something is past due based on dates need to be done. I am trying to figure out if there is a way to track or make a back log of changes made so you can go back and see, O I did that on this day even outside of the preset dates. Thoughts?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-31606)

1. **WK**

[11 Jun, 20 at 2:35 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-30912)

Hi Puneet,

I am hoping to make to leap into VBA/macro world having used Excel on a daily basis for many years!

I followed the steps to create a PERSONAL.XLSB file and then added each of the modules above individually.

Unfortunately, every time I open Excel I now receive a message from the .xlsb file as follows: ‘Microsoft Visual Basic for Applications – Compile error: – Expected: identifier’

I am determined not to let this put me off and not to delete the file until I know more. I also felt it would be a waste of time spent in creating them.

I did a quick Google search a found articles relating to reserved words but I doubt that I have any as I am only using the module above.

Is this something you can help me with?

I have no doubt they will be a quick hit game changer once I get them to run so thanks for your work!

WK

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-30912)

1. **J J**

[11 Jun, 20 at 6:42 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-30901)

I must say. I know a bit about Excel.

This is most enlightening.

Well done.

Cheers

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-30901)

1. **Samira**

[20 May, 20 at 8:32 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-29411)

Hi  
Can you please help me in writing a code to translate the below table A format to table B format

Table A  
Style/Color Size  
852598/104 S  
M  
882087/404 38  
39  
40  
42  
—————————————  
Table B  
Style/Color Size  
852598/104 S M  
882087/104 38 39 40 42

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-29411)

1. **Fixx55**

[19 May, 20 at 10:22 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-29357)

Thanks.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-29357)

1. **Ovidiu**

[16 May, 20 at 12:44 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-29052)

Hello,  
I am a beginner in VBA programming and I have the following problem that I could not solve:  
I have 4 columns with data such as ID, raw material name, price and date. I transferred the data from the raw material name column to a ListBox, I selected a raw material name from the ListBox (column 2) and I transferred the corresponding line values to TextBox1, TextBox2, TextBox3 and TextBox4.up to this point I managed to solve problem. I want to change the values in TextBox1..4 and then transfer them back to the initial addresses (eg A2, B2, C2, D2 cells. I couldn’t solve this.

If you can help me with some tips I would be grateful.  
Thank you in advance.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-29052)

1. **Lady in darkness**

[7 May, 20 at 7:43 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-28526)

Hi Everyone,

Can someone help me with my macro.  
I’m trying to create a macro that can put work week period align with the dates in column A from calendar in Sheet 2 (contains calendar from 2019-2020 with week period in column B). However, I’m not sure if it is possible. For example, March 5, 2020 will fall into Week 10.

Thank you so much.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-28526)

1. **Darshana kesaria**

[9 Apr, 20 at 1:55 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-27122)

Hi Puneet

Nice effort to allow users to use your codes.

I have a sheet where in I wish to hide the rows with zero value.  
I want to select range of cells as range and wish to give them some formula based on vlookup…  
For example I have in one sheet purchase entries done

On the next page I am doing the calculation of gst… So every time I have to change the row reference…As one column I have 2.5% gst.. other column 5%

As of now every time in each column I have to every time change the cell reference or the row reference

I wish to your advise

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-27122)

1. **Vinay Verma**

[7 Apr, 20 at 2:34 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-26970)

Hey, the codes mentioned above are amazing, i am so grateful for your help, it helped me learning alot from these codes and increase my efficiency.  
Just wanted to know one more thing can we use show details function in Pivot via VBA when we have given a multiple values in rows and we only need to open up some of them amongst all.

Thankyou for this!!.

Regards,  
Vinay Verma

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-26970)

1. **ulaya**

[6 Apr, 20 at 12:36 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-26947)

it is fine to me, i use it a lot of time and work great, thanks a lot

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-26947)

1. **Bret**

[30 Mar, 20 at 9:26 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-26666)

Superb! This one is golden

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-26666)

1. **ARULSELVAN G**

[18 Feb, 20 at 12:19 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-25155)

hey I want to push messages from combobox (dropdown list) one by one to another text box, shall any body help on this

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-25155)

1. **saroja**

[2 Feb, 20 at 4:26 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-24587)

almost all the subs works….

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-24587)

1. **Coral**

[13 Jan, 20 at 5:22 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-23788)

HI Punith,  
I need your advice on the macros codes on how to open embedded files in excel and trigger the owner of that file of the due date..

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-23788)

1. **Archana**

[5 Dec, 19 at 6:53 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-22036)

Thank you Punith. This is useful for us. I want to learn vba code. But feeling difficulty. How do i start as a fresher. Like first I need to start from userform or code line through module?  
give some easy tips Plse.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-22036)

1. **Tom White**

[29 Nov, 19 at 3:24 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-21715)

Thanks Puneet, Excellent Work. You have given me the start I have been looking for.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-21715)

* + **Puneet**

[29 Nov, 19 at 12:51 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-21731)

Don’t forget to check out this guide <https://excelchamps.com/vba-tutorials/>

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-21731)

1. **Gehad Alahdal**

[26 Nov, 19 at 11:25 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-21613)

Hi Dear,

May I have your assistance for VBA code Tab Order, I have made Invoice, I would like to use Tab for certain cells to fillup, for example, the cells are C3,C7,C9,D9,F7,F9,F11 and so on.  
Please, simple VBA code Tab Order, as simple as you can.  
Many thanks,

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-21613)

1. **Ankit Singh**

[14 Nov, 19 at 6:06 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-21077)

Hi,  
i have a query with regard macro.  
Function timestamp(Reference As Range)  
If Reference.Value “” Then  
timestamp = Format(Now, “dd-mmm-yy hh:mm:ss”)  
Else  
Ok = “”  
End If  
End Function

this code show text format show date but i want date format please help sir.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-21077)

1. **Mustafa Ramadan**

[3 Nov, 19 at 6:57 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-20563)

Excuse me,  
can you tell me what is the wrong in this code

Dim Name As String  
Dim Barcode As Long  
Dim vender As String

Name = Sheets(“Add”).Range(“c5”).Value  
Barcode = Sheets(“Add”).Range(“c8”).Value  
vender = Sheets(“Add”).Range(“f14”).Value

because this can’t run ( Barcode=sheets…………….)

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-20563)

* + **fv**

[27 Apr, 20 at 1:33 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-27978)

The ” simbol you are using is incorrect.  
Looks similar but not the same.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-27978)

1. **lilly**

[28 Oct, 19 at 3:42 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-20279)

Any advice on how to automate a search on Excel for over 3000 words/phrases from 20 different categories in a cell and return the category that contains the phrase? I don’t know any macro coding but am exploring this as an option since the manual formula is longer than the maximum cell character limit.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-20279)

1. **pwyller**

[9 Oct, 19 at 1:39 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-19556)

Tried two subs – neither worked – at least not in 2016.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-19556)

* + **Puneet**

[9 Oct, 19 at 5:15 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-19559)

Hey Pwyller, which two?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-19559)

1. **Himanshu**

[28 Sep, 19 at 11:03 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-19201)

Hi Everyone,  
Thanks for gathering all Codes. It takes lot of work.  
I want to write code for Adding Rows for below details.

A B C D E F  
1 24  
2 25  
3 28  
4 33  
Add 2 rows between A2 & A3 and  
Add 4 rows between A3 & A4.

Thanks in advance.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-19201)

1. **Shakya**

[19 Sep, 19 at 12:32 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18921)

Hi Puneet,  
I need your help, Actually I’m stuck with an error-> run-time error: ‘1004’, Method ‘Run’ of object ‘\_Application’ failed and the highlighted line in {Application.Run Macro:=Range(“Datablock”)} where datablock is a named range which has already defined. It is very important to me. So, please Reply ASAP

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18921)

1. **Karthi**

[16 Sep, 19 at 7:36 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18813)

Hi Everyone… i’m used report merging macro using text box and command button.

Private Sub CommandButton2\_Click()  
Dim fd As Object  
Dim add As String  
Dim wb As Workbook, wk As Workbook  
Dim myfiles As String  
Dim name As String  
If TextBox1.Text = “” Then  
MsgBox “Pls Select Path”, vbInformation  
Else  
Set fd = Application.FileDialog(msoFileDialogFilePicker)  
myfiles = Dir(“” + TextBox1.Text + “\*.xlsx”)  
If myfiles = “” Then  
MsgBox “This folder haven’t Excel files… Can’t do further Process..”, vbInformation  
Else  
ThisWorkbook.Activate  
Worksheets.add  
On Error GoTo errHandler:  
ActiveSheet.name = “Summary”  
Sheets(“Lables”).Activate  
ActiveSheet.Range(“A1:AM1”).Select  
Selection.Copy  
ActiveSheet.Range(“A1”).Select  
Sheets(“Summary”).Activate  
ActiveSheet.Range(“A1”).Select  
ActiveSheet.Paste  
ActiveSheet.Range(“A2”).Select  
Do While myfiles “”  
Set wb = Workbooks.Open(“” + TextBox1.Text + “” & myfiles)  
name = ActiveSheet.name  
wb.Sheets(name).Activate  
wb.Sheets(name).Range(“A2:AM2”).Select  
wb.Sheets(name).Range(Selection, Selection.End(xlDown)).Select  
Selection.Copy  
myfiles = Dir  
ThisWorkbook.Activate  
ThisWorkbook.Sheets(“Summary”).Activate  
If ActiveSheet.Range(“A2”) = “” Then  
ActiveSheet.Paste  
Application.CutCopyMode = False  
ThisWorkbook.Sheets(“Summary”).Columns.AutoFit  
ThisWorkbook.Sheets(“Summary”).Range(“A1”).Select  
Selection.End(xlDown).Select  
add = ActiveCell.Address  
wb.Sheets(name).Activate  
Application.CutCopyMode = False  
ActiveWorkbook.Close  
Else  
ActiveCell.Offset(1, 0).Select  
ActiveSheet.Paste  
Application.CutCopyMode = False  
ThisWorkbook.Sheets(“Summary”).Columns.AutoFit  
ThisWorkbook.Sheets(“Summary”).Range(“A1”).Select  
Selection.End(xlDown).Select  
add = ActiveCell.Address  
wb.Sheets(name).Activate  
Application.CutCopyMode = False  
ActiveWorkbook.Close  
End If  
Loop  
ActiveSheet.Range(“A1”).Select  
MsgBox “Process completed”, vbInformation  
End If  
End If  
errHandler:  
num = Sheets.Count  
If num > 3 Then  
MsgBox “Kindly delete previous data..!”, vbInformation  
ThisWorkbook.Sheets(“Summary”).Activate  
End If  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18813)

* + **Arun**

[28 Nov, 20 at 11:18 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-37743)

How to import a tif,pdf,img,etc… these types files by clicking button

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-37743)

1. [**Pascal.**](http://none/)

[13 Sep, 19 at 12:37 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18672)

Hi Puneet,

Thanks for gathering all this code! Amazing work! I’m looking forward to test some of it during my day to day excel work.

Keep it up!

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18672)

1. **Ankitha**

[10 Sep, 19 at 6:51 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18546)

Hi Sir,

I have a query with regards to macros in excel, could I contact you via email?

WIth Regards,

Ankitha

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18546)

1. **sam**

[3 Sep, 19 at 11:44 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18279)

i want to hyperlink my image with website url plz help me for hyperling my image! and i want to send it to outlook

Sub Send\_email\_fromexcel()  
Dim edress As String  
Dim subj As String  
Dim message As String  
Dim filename, fname2 As String  
Dim outlookapp As Object  
Dim outlookmailitem As Object  
Dim myAttachments As Object  
Dim path As String  
Dim lastrow As Integer  
Dim attachment As String  
Dim x As Integer

x = 2

Set outlookapp = CreateObject(“Outlook.Application”)  
Set outlookmailitem = outlookapp.createitem(0)  
Set myAttachments = outlookmailitem.Attachments  
path = “C:UsersUserDesktopstatements”

edress = Sheet1.Cells(x, 1)

subj = Sheet1.Cells(x, 2)  
filename = Sheet1.Cells(x, 3)  
fname2 = “Weddingplz-Safe-Gold.jpg”

attachment = path + filename

outlookmailitem.to = edress  
outlookmailitem.cc = “”  
outlookmailitem.bcc = “”  
outlookmailitem.Subject = subj  
outlookmailitem.Attachments.Add path & fname2, 1

outlookmailitem.htmlBody = “Thank you for your contract” \_  
& “nicely done this work” \_  
& “”  
outlookmailitem.htmlBody = “” & outlookmailitem.htmlBody & “”

‘outlookmailitem.body = “Please find your statement attached” & vbCrLf & “Best Regards”

outlookmailitem.display  
‘outlookmailitem.send

lastrow = lastrow + 1  
edress = “”  
x = x + 1

Set outlookapp = Nothing  
Set outlookmailitem = Nothing

End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18279)

1. **Arpit**

[28 Aug, 19 at 1:40 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18033)

hi, what is the vba code to highlight the entire row based on cell value?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18033)

* + **Cmo**

[2 Sep, 19 at 3:11 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18208)

Sub ColorRow()

Dim cel As Range  
Dim rng As Range  
Dim wrksht As Worksheet

Set wrksht = ThisWorkbook.Worksheets(“Sheet1”) ‘put your worksheet name in place of sheet1  
Set rng = wrksht.Range(“A1:A10”) ‘Change “A1:A10” to your range

For Each cel In rng  
If cel = “Whatever value” Then ‘insert your value in place of “Whatever Value”  
cel.EntireRow.Interior.ColorIndex = 3 ‘colors row red  
End If  
Next cel

End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18208)

1. **Pratik**

[22 Aug, 19 at 12:36 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-17784)

Can you share a code which combines certain numbers (positive & negative) from a given table and calculates to a certain number (say ‘0’)?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-17784)

1. **Micky**

[20 Aug, 19 at 3:23 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-17725)

Thank you for sharing this make internet better!!, good tips & tricks

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-17725)

1. **knust**

[2 Aug, 19 at 11:10 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-16968)

Please I want you to help me

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-16968)

1. **SuBui**

[20 Jul, 19 at 3:16 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-16450)

Thank you so much!

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-16450)

1. **Nagamalla Satish**

[25 May, 19 at 5:57 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12296)

thanks a lot .

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12296)

1. **MICHAEL**

[23 May, 19 at 5:49 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12295)

hi guys,  
thanks for lot of codes posted, quite helpful,  
please i need a code to extract a particular worksheet from multiple workbooks saved in a folder without opening the workbook, using the sheet name as a criteria to search

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12295)

1. **Ria ariarini**

[18 May, 19 at 3:40 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12294)

so much thank you  
i need more helpful code for time function.  
1.i need to perfom the procedure/action in specific duration (not to start or scheduling the action). For example playing the game only for 1 minute, if > 1 minute the game stop automatically.  
2.If i have a cell with time format, how to execute the function? For example, i want to move the shape if the cell less or equal to “0:10:00” but if the cell contain over, lets say “0:15:00”, you can’t not activate the movement  
Thanks

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12294)

1. **Darshana kesaria**

[9 May, 19 at 9:25 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12293)

Hi puneet  
Very useful blog  
Pl suggest any online classes  
As I am on maternity leave can give only around 1 hrs a dag.  
Secondly no knowledge of programming..  
Codes required for  
Auto sorting  
Removing duplicates  
Subtotaling of auto sorted  
Automatically adding the new name in the previously sorted data.  
Creating a balance sheet from trial balance  
Creating a customized bom…

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12293)

1. **Zabihullah**

[6 May, 19 at 7:55 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12292)

What is the: save, Delet, Reset, and exit cods in macro  
Can you send me please

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12292)

1. **Prince**

[3 May, 19 at 12:24 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12290)

Do you have something to read a json file from upcitemdb.com?  
I need to get price, picture and merchant link, if you have some vba to do that, please share Bro.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12290)

* + **Puneet**

[3 May, 19 at 5:57 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12291)

Try Power Query for that

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12291)

* + **verolee213**

[1 Sep, 19 at 11:58 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18203)

@Prince  
There’s a Google Sheet Add-in. Scan barcodes and Run the add-in. I don’t know if it’s UPCITEMDB or a different database, but it gave me the results that you’re looking for.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-18203)

1. **Liz**

[18 Apr, 19 at 12:15 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12289)

I love the table of content code. Thank you so much! Is there a code to have a link to go back to the Table of Content on each of the other tabs?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12289)

* + **Nathan**

[9 Jul, 19 at 3:42 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-15926)

Hi Liz,  
This can be done by including something like this:

Sub TableofContent()

Dim i As Long, wks As Worksheet  
On Error Resume Next  
Application.DisplayAlerts = False  
Worksheets(“Table of Content”).Delete  
Application.DisplayAlerts = True  
On Error GoTo 0  
Sheets.Add(Before:=Sheets(1)).Name = “Table of Content”  
‘ThisWorkbook.Sheets.Add Before:=ThisWorkbook.Worksheets(1)  
‘ActiveSheet.Name = “Table of Content”  
For i = 1 To Sheets.count  
With ActiveSheet  
.Hyperlinks.Add \_  
Anchor:=ActiveSheet.Cells(i, 1), \_  
Address:=””, \_  
SubAddress:=”‘” & Sheets(i).Name & “‘!A1”, \_  
ScreenTip:=Sheets(i).Name, \_  
TextToDisplay:=Sheets(i).Name  
End With  
If Sheets(i).Name = “Table of Content” Then  
‘Skip this page  
Else  
Sheets(i).Range(“A1”).Hyperlinks.Add Anchor:=Sheets(i).Range(“A1″), Address:=””, SubAddress:= \_  
“‘Table of Content’!A1″, TextToDisplay:=”TOC”  
End If  
Next i  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-15926)

1. **Ashish**

[16 Apr, 19 at 12:53 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12288)

Great Stuff! Thank you for sharing. Can you please post a code on how to attach a pdf document to outlook

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12288)

1. **Zar Li Chan**

[15 Apr, 19 at 12:16 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12287)

Thank for knowledge sharing.  
This is very useful page for VBA learner.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12287)

1. **mw**

[10 Apr, 19 at 7:58 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12285)

Hi when using below code I get an error message:  
Sub printSelection()  
Selection.PrintOutCopies:=1, Collate:=True  
End Sub  
Compile error Syntax error  
Am I doing something wrong?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12285)

1. **mick**

[10 Apr, 19 at 7:56 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12284)

Sub printSelection()  
Selection.PrintOutCopies:=1, Collate:=True  
End Sub  
gives an error message for me: Compile error Syntax error  
am I doing something wrong?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12284)

1. **mick**

[10 Apr, 19 at 7:47 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12283)

This is very helpful, as I am fully new to macro’s. Maybe a very basic q. If I for example use the following macro “1. Highlight Duplicates from Selection” how can I afterwards undo this? Other words is there also an “undo previous action” macro as in above case in my excel sheet the duplicate values remain coloured

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12283)

1. **Sunny**

[2 Apr, 19 at 4:28 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12282)

Hi,  
I want to compare current report and previous report to master file. All of them has a two row. First compare current to master and print result if it is match. Second, compare previous to master file and print result if it match. I don’t know how to do in VBA. Can you please help me

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12282)

1. **Somesha A R**

[1 Apr, 19 at 7:07 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12281)

Hi puneet, It’s extremely nice efforts. everyday I’am learning something from the website but couldn’t save the PDF file. can you please share me the PDF document to my mail id (someshar.ars@gmail.com)  
Thank you

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12281)

1. **Lauren**

[21 Mar, 19 at 3:33 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12280)

I would love to have a macro code to replace a sheet name in a formula

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12280)

1. **Vikram**

[20 Mar, 19 at 9:34 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12279)

Paste as linked picture was nice. I had used record macro to get the basic code for it, but yours is much simpler and cleaner.  
My most often used macro is to Paste as Values (instead of copying the formula)  
Sub PasteValues()  
Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, SkipBlanks \_  
:=False, Transpose:=False  
End Sub  
(again recorded). I use Ctrl+Shift+V as a shortcut, so after copying with Ctrl+C, I can paste formulas or values based on whether I press shift along with my Ctrl+V  
Another 1 I use is for borders, keyboard shortcut: Ctrl+Shift+B  
Sub Border()  
Selection.Borders(xlDiagonalDown).LineStyle = xlNone  
Selection.Borders(xlDiagonalUp).LineStyle = xlNone  
With Selection.Borders(xlEdgeLeft)  
.LineStyle = xlContinuous  
.ColorIndex = xlAutomatic  
.TintAndShade = 0  
.Weight = xlThin  
End With  
With Selection.Borders(xlEdgeTop)  
.LineStyle = xlContinuous  
.ColorIndex = xlAutomatic  
.TintAndShade = 0  
.Weight = xlThin  
End With  
With Selection.Borders(xlEdgeBottom)  
.LineStyle = xlContinuous  
.ColorIndex = xlAutomatic  
.TintAndShade = 0  
.Weight = xlThin  
End With  
With Selection.Borders(xlEdgeRight)  
.LineStyle = xlContinuous  
.ColorIndex = xlAutomatic  
.TintAndShade = 0  
.Weight = xlThin  
End With  
With Selection.Borders(xlInsideVertical)  
.LineStyle = xlContinuous  
.ColorIndex = xlAutomatic  
.TintAndShade = 0  
.Weight = xlThin  
End With  
With Selection.Borders(xlInsideHorizontal)  
.LineStyle = xlContinuous  
.ColorIndex = xlAutomatic  
.TintAndShade = 0  
.Weight = xlHairline  
End With  
End Sub  
I have also 1 user form designed as a general Notification to tell me that the macro is running, and then to update after execution is completed. Similarly, I have a user form as a progress bar.  
Instead of manually setting up the user forms each time, I have separate macros that update the user form and enable/disable screen updating and auto calculation.  
Eg:  
Sub MacroStart()  
Notification.Button.Enabled = False  
Notification.Message.Caption = “Macro running… Please Wait”  
Notification.Show (vbModeless)  
Application.ScreenUpdating = False  
Application.Calculation = xlManual  
Notification.Repaint  
End Sub  
Sub MacroStop()  
Application.ScreenUpdating = True  
Application.Calculation = xlAutomatic  
Notification.Button.Enabled = True  
Notification.Message.Caption = “Macro execution completed”  
Notification.Repaint  
End Sub  
I can just call MacroStart at the start of each macro, and MacroStop at the end of the macro, and those handle all the user form and enable/disable stuff for me.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12279)

1. **Rui Mateus**

[17 Mar, 19 at 7:48 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12278)

Thank you. Great work!!!!  
Save to PDF its really usefull.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12278)

1. **samad**

[17 Mar, 19 at 6:02 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12276)

Hello,  
I have a macro which will consolidate all workbooks to single sheet but i need to have files names as well in each row to indentify how many lines from workbook

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12276)

* + **Puneet**

[17 Mar, 19 at 12:40 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12277)

<https://excelchamps.com/blog/merge-excel-files-one-workbook/>

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12277)

1. **george**

[10 Mar, 19 at 10:44 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12275)

I particularly like this code for Superscripting when I want to show X squared for example. It can be modified to subscript as well and to return back to regular text.  
When writing out problems with formulas for students this can be easier than using the format/ cell with the mouse.  
ActiveCell.FormulaR1C1 = “X2”  
With ActiveCell.Characters(Start:=1, Length:=1).Font  
.Name = “Calibri (Theme Body)”  
.FontStyle = “Regular”  
.Size = 12  
.StrikeThrough = False  
.Superscript = False  
.Subscript = False  
.OutlineFont = False  
.Shadow = False  
.Underline = xlUnderlineStyleNone  
End With  
With ActiveCell.Characters(Start:=2, Length:=1).Font  
.Name = “Calibri (Theme Body)”  
.FontStyle = “Regular”  
.Size = 12  
.StrikeThrough = False  
.Superscript = False  
.Subscript = True  
.OutlineFont = False  
.Shadow = False  
.Underline = xlUnderlineStyleNone  
End With  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12275)

1. **kumar**

[8 Mar, 19 at 7:34 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12274)

i need one help a3 cell value is 20 so need left to right rented value 20 time (1111111111111) (b3 cell 1 c3 cell 1 d3 cell 1)

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12274)

1. **pathiban**

[2 Mar, 19 at 1:36 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12272)

Thank You Very Much.Its all very useful. I suggest one thing please comment how to use the each codes some of the codes can run only by coder.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12272)

1. **santha ram**

[20 Feb, 19 at 5:51 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12271)

Hai,  
I need the numbers 1-100 or 1-1000 in a jumbling manner. is there any code, i need it very urgently. pls. can u help me in this.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12271)

* + **Josh**

[6 Mar, 19 at 5:45 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12273)

You don’t need a code for that. You just need a formula. Use =rand() and =rank() if you don’t want duplicates.  
If you’re fine with duplicates you could use =randbetween(1,1000)  
Check this website out.  
<https://trumpexcel.com/generate-unique-random-numbers-in-excel/>

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12273)

1. **Sandeep**

[6 Feb, 19 at 12:23 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12270)

Hey Buddy,  
thanks a ton. your macros are of great help.  
can you create a macro wherein i can remove formulas from cells where cell value is not in percentage.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12270)

1. **Sumit**

[5 Feb, 19 at 8:45 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12269)

Hi,  
I dont know macro well.  
I want a code where I just put data in sheet1 and the pivot charts automatic created. Can anyone please help me on this.  
It is very urgent.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12269)

1. **Sumit**

[5 Feb, 19 at 8:41 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12268)

In this below code how I will define range. I just put data in sheet1 I dont know the data size like how much column and row are present in the data. So I want to put some dynamic range so that any data can useful.  
Please help ASAP.  
Sub Macro2()  
‘  
‘ Macro2 Macro  
‘  
‘  
Range(Selection, Selection.End(xlToRight)).Select  
Range(Selection, Selection.End(xlDown)).Select  
Sheets.Add  
ActiveWorkbook.PivotCaches.Create(SourceType:=xlDatabase, SourceData:= \_  
“Sheet1!R1C1:R6C73″, Version:=xlPivotTableVersion15).CreatePivotTable \_  
TableDestination:=”Sheet2!R3C1″, TableName:=”PivotTable1”, DefaultVersion \_  
:=xlPivotTableVersion15  
Sheets(“Sheet2”).Select  
Cells(3, 1).Select  
With ActiveSheet.PivotTables(“PivotTable1”).PivotFields(“Created Date”)  
.Orientation = xlRowField  
.Position = 1  
End With  
ActiveSheet.PivotTables(“PivotTable1”).AddDataField ActiveSheet.PivotTables( \_  
“PivotTable1”).PivotFields(“Incident Id”), “Count of Incident Id”, xlCount  
ActiveSheet.Shapes.AddChart2(201, xlColumnClustered).Select  
ActiveChart.SetSourceData Source:=Range(“Sheet2!$A$3:$B$8”)  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12268)

1. **prabeesh**

[23 Jan, 19 at 12:00 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12265)

Is there any formula to create different file from single work sheet?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12265)

1. **ranjitha das**

[22 Jan, 19 at 1:11 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12263)

Dear Puneet,  
This site is amazing and i get to learn something new every passing day. Sincere thanks for your time and initiative.  
I am trying to create a date stamp button (using form control) that will add customized date and time of printing in the excel footer – using a specific font, font size and font color (e.g. Veranda, 8pt, Blue)  
The end result would look something like this:  
Printed on dd-mmm-yyyy at hh:mm:ss  
I don’t want the time stamp to be inserted automatically, but rather use a form control button to insert the same when clicked.  
Could you kindly help me with the VBA code please? It will be a great help!  
TIA for you help & warm regards  
Ranjitha

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12263)

* + **Puneet**

[23 Jan, 19 at 7:19 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12264)

Thanks for your words, I need to write an entire blog post for it, stay tuned.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12264)

1. **somasundaram**

[21 Jan, 19 at 7:02 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12262)

Hi puneet,  
I’m somu i don’t know vb code could you please tell me vb code basic knowledge share to my mail i’d : [vgsomu@gmail.com](mailto:vgsomu@gmail.com)

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12262)

1. **Karan Parmar**

[29 Dec, 18 at 6:12 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12260)

Hi Puneet  
I am looking for a stock report with a huge data my requirement is  
Material dispatch planning (Main Moto – FIFO Basis)  
Outstanding Orders

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12260)

1. **HARSH PRATAP SINGH**

[26 Dec, 18 at 3:41 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12258)

Hi Punnet  
First of all ” Thanks a lot for the Great Work ”  
I am looking for a code that will consolidate data from multiple excel files in a specific folder to a new blank excel file.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12258)

* + **Puneet**

[27 Dec, 18 at 5:22 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12259)

I’m writing a blog post about, it will update once it’s done.   
Update: <https://excelchamps.com/blog/merge-excel-files-one-workbook/>

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12259)

* + **Abhishek Chordiya**

[1 Jan, 19 at 10:32 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12261)

I hope below 2 VBA Code will help you in your question…  
1. Combine Multiple Workbooks into One Workbook:  
Sub GetData()  
Dim sh As Worksheet  
Path = “D:\(Give Path Name where all excel files are saved)\”  
Filename = Dir(Path & “\*.xlsx”)  
Do While Filename “”  
Workbooks.Open Filename:=Path & Filename, ReadOnly:=True  
For Each sh In ActiveWorkbook.Worksheets  
‘If LCase(Left(sh.Name, 5)) = “model” Then  
sh.Copy After:=ThisWorkbook.Sheets(1)  
‘End If  
Next sh  
Workbooks(Filename).Close  
Filename = Dir()  
Loop  
End Sub  
2. To Combine Multiple Worksheets into One WorkSheet.:  
Sub Combine()  
Dim J As Integer  
On Error Resume Next  
Sheets(1).Select  
Worksheets.Add  
Sheets(1).Name = “Data”  
Sheets(2).Activate  
Range(“A1”).EntireRow.Select  
Selection.Copy Destination:=Sheets(1).Range(“A1”)  
For J = 2 To Sheets.Count  
Sheets(J).Activate  
Range(“A1”).Select  
Selection.CurrentRegion.Select  
Selection.Offset(1, 0).Resize(Selection.Rows.Count – 1).Select  
Selection.Copy Destination:=Sheets(1).Range(“A65536”).End(xlUp)(2)  
Next  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12261)

* + - **KARTHIKEYAN**

[30 Jan, 19 at 5:36 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12266)

Hi sir,  
i need your help.  
I will download one file 10000 lines coming one excel sheet.  
every line mentions the Projects No.  
Project no wise split the data to convert the workbook  
if it is possible to share the coding

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12266)

* + - **KARTHIKEYAN**

[30 Jan, 19 at 5:40 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12267)

How To Split A Workbook To Separate Excel Files In Excel?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12267)

1. **sachin gupta**

[21 Dec, 18 at 5:39 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12257)

these are really helpful for beginners

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12257)

1. **Afru Marma**

[19 Dec, 18 at 7:01 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12256)

Thank you so much sir.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12256)

1. **Manish**

[17 Dec, 18 at 5:57 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12255)

Hello,  
I would like to know the VBA code to copy an active sheet to multiple sheets in the same work book.  
Thank you

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12255)

1. **Sreedhar**

[13 Dec, 18 at 1:29 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12254)

ExcelChamps, Good evening. I’m new to VBA. Excuse me if my question too silly. I have a column in which there will be names of cities. If I type/select that name from drop down list, excel should populate pin code number in the next column. Also some other columns to be autofilled. For example, point of contact name and number of that city. My EmailID is [sree21343@gmail.com](mailto:sree21343@gmail.com). Thanks in advance

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12254)

* + **Anna**

[10 Aug, 19 at 9:59 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-17301)

Hello, I’m here for the same reason, looking for where I can find people to help me populate some data in excel. Did you get any answer, I would really like to know if I can get any help.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-17301)

1. **Mike Wright**

[7 Dec, 18 at 10:01 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12252)

Hi I am Looking for a way to convert a Rage Named which is and auto Start Name xls in XP Excel 97-2003 to vba code in Excel 2010 Windows 10 Is there a Way? or do I just need to start over?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12252)

1. **Courtney**

[6 Dec, 18 at 9:55 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12251)

I could not get the code for highlighting the row and column of the cell I’m working on to function:  
Private Sub Worksheet\_BeforeDoubleClick(ByVal Target As Range, Cancel As Boolean)  
Dim strRange As String  
strRange = Target.Cells.Address & “,” & \_  
Target.Cells.EntireColumn.Address & “,” & \_  
Target.Cells.EntireRow.Address  
Range(strRange).Select  
End Sub  
Any suggestions?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12251)

* + **Martin**

[12 Dec, 18 at 7:03 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12253)

It worked for me when changing the quotation marks from “” to “”  
Private Sub Worksheet\_BeforeDoubleClick(ByVal Target As Range, Cancel As Boolean)  
Dim strRange As String  
strRange = Target.Cells.Address & “,” & \_  
Target.Cells.EntireColumn.Address & “,” & \_  
Target.Cells.EntireRow.Address  
Range(strRange).Select  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12253)

1. **Martin Schmidt**

[6 Dec, 18 at 11:40 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12250)

Here are some of the codes I use on a daily basis.  
Function ConvertColumnNumberToLetter(colNum)  
‘Getting the address of the first row and the colNum column number  
colAdr = ActiveWorkbook.ActiveSheet.Cells(1, colNum).Address  
With Application.WorksheetFunction  
colLetter = .Find(“$”, colAdr, 2) ‘Finding the second $-sign in the address  
ConvertColumnNumberToLetter = Mid(colAdr, 2, colLetter – 2) ‘Extracting the middle part of the address, containing only the letter(s) and returning it/them  
End With  
End Function  
Function ConvertColumnLetterToNumber(colLet As String)  
With ActiveWorkbook.ActiveSheet  
colAdr = .range(colLet & 1).Address ‘Getting the address of the first row and the colNum column number  
ConvertColumnLetterToNumber = .range(colAdr).Column ‘Getting the column number of the address  
End With  
End Function  
Function SendSelectionAsEmail(rng As range, subj As String, sendTo As String, Optional ccTo As String, Optional intro As String)  
‘ Select the range of cells on the active worksheet.  
ActiveSheet.range(rng).Select  
‘ Show the envelope on the ActiveWorkbook.  
ActiveWorkbook.EnvelopeVisible = True  
‘ Set the optional introduction field thats adds  
‘ some header text to the email body. It also sets  
‘ the To and subject lines. Finally the message  
‘ is sent.  
With ActiveSheet.MailEnvelope  
.Introduction = intro  
.Item.To = sendTo  
.Item.CC = ccTo  
.Item.Subject = subj  
.Item.Send  
End With  
End Function  
Function ConvertCollectionToArray(col As Collection)  
Dim arr() As Variant  
ReDim arr(1 To col.Count) As Variant  
For i = 1 To col.Count  
arr(i) = col(i)  
Next i  
toArray = arr  
End Function  
Function LastRow(ws As Worksheet, columnNumberToCheck)  
LastRow = ws.Cells(Rows.Count, columnNumberToCheck).End(xlUp).Row  
End Function  
Function LastColumn(ws As Worksheet, rowNumberToCheck)  
LastColumn = ws.Cells(rowNumberToCheck, Columns.Count).End(xlToLeft).Column  
End Function  
Function GetLastRowAdvaned(ws As Worksheet, endColumnNumber) ‘Looping through all columns from 1 to the end column number and finding the max value  
maxVal = 0  
For i = 1 To endColumnNumber  
If LastRow(ws, i) > maxVal Then  
maxVal = LastRow(ws, i)  
End If  
Next i  
GetLastRowAdvaned = maxVal  
End Function  
Function IsRowEmpty(ws As Worksheet, rowNumberToCheck, endColumnNumber) As Boolean  
Dim isEmpty As Boolean  
isEmpty = True  
For i = 1 To endColumnNumber  
If ws.range(Cells(rowNumberToCheck, i).Address) = “” Then  
IsRowEmpty = True  
Else  
IsRowEmpty = False  
GoTo EndFunction:  
End If  
Next i  
EndFunction:  
IsRowEmtpy = isEmpty  
End Function

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12250)

1. **BRANDON**

[5 Dec, 18 at 3:40 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12249)

This macro will promt you to select a photo, then it will size the height ,width and insert it to a specific range.  
Sub Insert\_Setup\_Photo()  
ActiveSheet.Protect DrawingObjects:=False  
Dim picToOpen As String  
picToOpen = Application.GetOpenFilename \_  
(Title:=”Select Setup Photo To Insert”)  
If picToOpen = “False” Then  
ActiveSheet.Protect DrawingObjects:=False, Contents:=True  
Exit Sub  
End If  
Dim shp As Shape, t As Double, l As Double, w As Double, h As Double, r As Integer  
Dim Cel As Range  
CellHeight = 375 ‘Final Image Height, maintains scale  
CellWidth = 670 ‘Final Image Width, maintains scale  
Set Cel = Range(“B5:M29”) ‘Cells image be centered  
With Cel  
Set shp = ActiveSheet.Shapes.AddPicture(Filename:=picToOpen, \_  
LinkToFile:=msoFalse, SaveWithDocument:=msoCTrue, Left:=0, Top:=0, Width:=-1, Height:=-1)  
shp.Locked = False  
shp.Height = CellHeight  
If shp.Width > CellWidth Then  
shp.Width = CellWidth  
End If  
shp.Left = .Left + ((.Width – shp.Width) / 2)  
shp.Top = .Top + ((.Height – shp.Height) / 2)  
End With  
ActiveSheet.Protect DrawingObjects:=False, Contents:=True  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12249)

1. **Vivekanand Kola**

[27 Nov, 18 at 2:10 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12248)

I Would like move the cursor from active cell to one cell left,right(From selected cell)..same thing to Up and Down by writing macros, Could you please help out resolve the task. I tried to write the below but its not working fine. Please let me know.  
Sub Left(). Ex: Hear Activecell is C2  
activecell.offset(0,-1).select -> hear it moves B2 cell  
end sub  
sub right()  
activecell.offset(0,1) .select -> hear it moves C2 But I want to move to D2. Same thing to Up and Down  
end sub  
Thanks,  
Vivek.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12248)

1. **Alpesh**

[22 Nov, 18 at 12:44 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12247)

hi, I want to create Outlook email macro where emails automatically gets saved in to shared drive. Help needed with coding if anyone knows.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12247)

1. **Ritesh Dev**

[16 Nov, 18 at 9:27 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12246)

hi punnet sir  
thank you for providing macro code. These codes provide me the advantage of time in my work. these coding also provide my coding awareness . after having understood from these 100 codes. I have started creating small macro coding.  
thank you very much.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12246)

1. **Mahendran R**

[13 Nov, 18 at 10:14 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12245)

Hi Puneet,  
Great job.  
Shall i get code for deleting rows if any of the column contains blank cells  
Thanks

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12245)

1. **Ed Snyder**

[14 Oct, 18 at 12:25 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12244)

I need VBR code to work across all worksheets in a workbook a future date will be manually entered in the same cell on every sheet and new sheets are created daily. On the actual day of the date entered an email notification would be sent out I also need the worksheet name in the email so I will know which sheet is due.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12244)

1. **Ravi Patel**

[26 Sep, 18 at 5:17 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12242)

Dear, I am using following code for transferring data from one sheet to another sheet, three variable parameters, i.e. between two dates and center which are selected from Dropdown menu from Main sheet.  
Programme run successfully, but each record written, i should press cancel button, after last record transfer, all data changed. I think, there is formula on CRM(Data) sheet and while transferring data formula also transferred, so data will be changed after running.  
Pl guide me in the matter.  
Sub Module()  
‘SelectDataBetweenTwoDates()  
‘declare variables  
Dim fromDate, toDate  
Dim MyResults As Worksheet, myData As Worksheet, MyDates As Worksheet  
Dim mModule As String  
Set MyResults = Worksheets(“MODCRM”)  
Set myData = Worksheets(“CRM”)  
Set MyDates = Worksheets(“Main”)  
‘clear previous results  
MyResults.Range(“$A$3:$K$450”).ClearContents  
‘attribute date values to variables  
fromDate = MyDates.Range(“D7”).Value  
toDate = MyDates.Range(“D9”).Value  
mModule = MyDates.Range(“D5”).Value  
‘convert to text format to allow filtering  
fromDate = Format(fromDate, “dd-mmm-yyyy”)  
toDate = Format(toDate, “dd-mmm-yyyy”)  
With myData  
‘removes autofilter  
If .FilterMode Then .ShowAllData  
‘filter the data based on selected date values  
.Range(“$A$2:$K$2”).AutoFilter field:=7, Criteria1:= \_  
“>=” & fromDate, Operator:=xlAnd, Criteria2:=”<=" & toDate  
.Range("$A$2:$K$2").AutoFilter field:=4, Criteria1:=mModule  
'copy the filtered data  
.UsedRange.SpecialCells(xlCellTypeVisible).Copy  
'paste copied values to results sheet  
MyResults.Range("A1").PasteSpecial  
End With  
' remove autofilter in mydata  
'select cell A1 in results sheet  
MyResults.Activate  
MyResults.Range("A1").Select  
End Sub  
Please any one can guide me in the matter.  
while copying (xlCellTypeVisible) data copied with formula instead of values only.  
Pl guide me in the matter.  
Ravi Patel

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12242)

1. **RAVI PATEL**

[26 Sep, 18 at 1:12 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12241)

How to reverse vlookup in VBA on bottom 20 records from 100 records ?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12241)

1. **RAVI PATEL**

[26 Sep, 18 at 1:08 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12240)

Hi,  
I am using macro for auto filter on multiple filter with between dates and center, every thing is run successfully, but i have to press cancel button at every record then record display on screen, after last record, all record changed this i due to formula on sheet,  
Any one help me.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12240)

1. **jayesh**

[26 Sep, 18 at 10:57 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12239)

Hi,  
I have Stock and requiremets and required Output as given below.  
Stock  
Mat Code Mat Description Batch Avlb STK  
DS1977S40014C01 CO/SAT/400TC/114/IVORY C16184204 100  
DS1977S40014C01 CO/SAT/400TC/114/IVORY C16184206 100  
DS1977S40014C01 CO/SAT/400TC/114/IVORY G15833208 100  
DS1977S40014C01 CO/SAT/400TC/114/IVORY C16150304 750  
DS1977S40014C01 CO/SAT/400TC/114/IVORY C16151502 250  
DS1977S40014C01 CO/SAT/400TC/114/IVORY C16151501 250  
DS1977S40014C01 CO/SAT/400TC/114/IVORY C16150305 600  
Requirements  
SR NO Mat Code Mat Description SO Req Qty  
3161313530 DS1977S40014C01 CO/SAT/400TC/114/IVORY 300.000  
3161313573 DS1977S40014C01 CO/SAT/400TC/114/IVORY 200.000  
3161313574 DS1977S40014C01 CO/SAT/400TC/114/IVORY 200.000  
3161313575 DS1977S40014C01 CO/SAT/400TC/114/IVORY 350.000  
3161313576 DS1977S40014C01 CO/SAT/400TC/114/IVORY 500.000  
3161313538 DS1977S40014C01 CO/SAT/400TC/114/IVORY 200.000  
3161313539 DS1977S40014C01 CO/SAT/400TC/114/IVORY 200.000  
3161313540 DS1977S40014C01 CO/SAT/400TC/114/IVORY 200.000  
Required OutPut:-  
SR No Mat Code Mat Description Req. Qty Batch Available qty Consumed remarks  
3161313530 DS1977S40014C01 CO/SAT/400TC/114/IVORY 100 C16184204 100 100 SO qty Spilt  
3161313530 DS1977S40014C01 CO/SAT/400TC/114/IVORY 100 C16184206 100 100 SO qty Spilt  
3161313530 DS1977S40014C01 CO/SAT/400TC/114/IVORY 100 G15833208 100 100 SO qty Spilt  
3161313573 DS1977S40014C01 CO/SAT/400TC/114/IVORY 200 C16150304 750 200 Batch qty Spilt  
3161313574 DS1977S40014C01 CO/SAT/400TC/114/IVORY 200 C16150304 550 200 Batch qty Spilt  
3161313575 DS1977S40014C01 CO/SAT/400TC/114/IVORY 350 C16150304 350 350 Batch qty Spilt  
3161313576 DS1977S40014C01 CO/SAT/400TC/114/IVORY 250 C16151502 250 250 SO qty Spilt  
3161313576 DS1977S40014C01 CO/SAT/400TC/114/IVORY 250 C16151501 250 250 SO qty Spilt  
3161313538 DS1977S40014C01 CO/SAT/400TC/114/IVORY 200 C16150305 600 200 Batch qty Spilt  
3161313539 DS1977S40014C01 CO/SAT/400TC/114/IVORY 200 C16150305 400 200 Batch qty Spilt  
3161313540 DS1977S40014C01 CO/SAT/400TC/114/IVORY 200 C16150305 200 200 Batch qty Spilt  
Pls help on this..

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12239)

1. **A K Ojha**

[20 Sep, 18 at 6:13 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12238)

Sub SaveAs()  
‘  
‘ SaveAs Macro  
‘  
‘ Keyboard Shortcut: Ctrl+Shift+A  
‘  
ChDir “D:”  
ActiveWorkbook.SaveAs Filename:= \_  
“D:gst Billing System2018.xlsm”, FileFormat:= \_  
xlOpenXMLWorkbookMacroEnabled, CreateBackup:=False  
ChDir “E:JSM”  
ActiveWorkbook.SaveAs Filename:=”E:JSMBilling System2018.xlsm”, FileFormat:= \_  
xlOpenXMLWorkbookMacroEnabled, CreateBackup:=False  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12238)

1. **Ram**

[19 Sep, 18 at 7:35 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12237)

Nice work

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12237)

1. **Jeffery**

[18 Sep, 18 at 11:49 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12236)

Very well articulated, useful tool and helpful. We’ll done, excellent champ

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12236)

1. **T2**

[10 Sep, 18 at 4:39 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12235)

Thanks Puneet, nice work

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12235)

1. **Jaimin Mistry**

[6 Sep, 18 at 2:26 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12232)

How to run macro for collecting data from read only file?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12232)

1. **PC**

[3 Sep, 18 at 2:47 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12231)

Thanks Puneet, this is so helpful  
Need your help  
Can you help create a macro for this instance in excel:  
N/A  
Abc  
123  
(Blank Cell)  
XYZ  
N/A  
123-222  
N/A  
(Blank Cell)  
Answer: Abc, 123, XYZ and 123-222  
Thanks in advance

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12231)

* + **Puneet**

[6 Sep, 18 at 5:59 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12233)

Use power query for this. You need to have two steps, first remove errors and next, combine the values from the range. Check out #4 point from here <https://excelchamps.com/blog/concatenate-a-range-of-cells/>

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12233)

1. **Prasad M**

[24 Aug, 18 at 12:28 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12230)

Hey Hi,  
Thanks for the codes.  
I need your help to count the excel cell colors which used by conditional formatting. I had tried many ways, but, no luck.  
Kindly let me know, if you can help.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12230)

1. **Raja**

[18 Aug, 18 at 8:23 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12229)

Excellent would need your support

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12229)

1. **manish Chaurasiya**

[6 Aug, 18 at 8:12 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12227)

Thank you for sharing code in easier way, this is very helpful. I am just beginner in macro. I have written a code to connect sql database but i m getting difficulty to connect more than one database from different server.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12227)

1. **Sally**

[30 Jul, 18 at 12:48 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12225)

Great list! Thank you!

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12225)

* + **Puneet**

[3 Aug, 18 at 9:12 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12226)

Thanks for your words.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12226)

1. **loran shahin**

[26 Jul, 18 at 8:21 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12223)

thank Puneet Gogia

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12223)

* + **Puneet**

[28 Jul, 18 at 6:05 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12224)

You are welcome. ?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12224)

1. **Guru**

[23 Jul, 18 at 4:50 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12221)

Thanks Puneet, this is so helpful!

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12221)

* + **Puneet**

[23 Jul, 18 at 7:04 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12222)

You are welcome.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12222)

1. **Gideon**

[23 Jan, 18 at 10:31 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12220)

Please I want the VBA code to merge multiple excel sheet in one. Can you send me the code please.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12220)

1. **Steven Brown**

[19 Jan, 18 at 3:15 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12218)

I’m getting a type mismatch when I run the ‘HighlightAlternateRows’ procedure. Debug shows this line as the culprit:  
‘rng.Value = rng ^ (1 / 3)’  
Any help would be appreciated. Thanks

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12218)

* + **Steven Brown**

[22 Jan, 18 at 3:47 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12219)

I fixed it and it works!  
Sub Highlight AlternateRows ()  
Dim rng As Range  
\_\_For Each rng In Selection.Rows  
\_\_\_\_If rng.Row Mod 2 = 1 Then  
\_\_\_\_rng.Style = “20% – Accent1”  
\_\_\_\_Else  
\_\_\_\_End If  
\_\_Next rng  
End Sub  
(underscores added to show proper indenting)

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12219)

1. **Carlos Mario Castaño**

[3 Jan, 18 at 4:16 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12217)

1. In Insert Multiple Rows please change the word “columns” by “rows” in  
i = InputBox(“Enter number of columns to insert”, “Insert Columns”)  
2. Closing Message  
“You can use close\_open to perform a task on opening a file. All you have to do just name your macro  
“close\_open”.”  
Sub auto\_close()  
The name of the macro is not “close\_open”  
3. Count/Highlight Cells With Error In Entire Worksheet  
These statements must be in different lines:  
i = i + 1 rng.Style = “bad”  
4. In Count/Highlight Cells With A Specific In Entire Worksheet please add the word “Value” after “Specific”

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12217)

1. **Carlos Mario Castaño**

[24 Dec, 17 at 10:42 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12216)

Although it worked for me, in the first Basic Macro, I have two observations:  
1) I think that the For loop must be something like:  
Dim j as integer  
For j = 1 to i  
ActiveCell.Value = j  
ActiveCell.Offset(1, 0).Activate  
Next j  
that is, replace “i” by j in the index variable for the loop  
2) As I said, your original code works but I think that the index variable must be different to the inputbox variable.  
Sincerely yours,  
Carlos

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12216)

1. **Addison O'Conner**

[8 Dec, 17 at 5:55 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12215)

Hello! I would like a very specific code that I haven’t been able to find anywhere on the internet…  
I’m wanting the macro to identify blank cells in Row 1 only, delete the blank cells (in Row 1) & shift those columns’ cells up. Any advice??

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12215)

* + **Chris**

[10 Aug, 18 at 2:38 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12228)

Try this:  
‘ DeleteBlankCellsinRow1 Macro  
Sub DeleteBlankCellsinRow1()  
Rows(“1:1”).Select  
Selection.SpecialCells(xlCellTypeBlanks).Select  
Selection.Delete Shift:=xlUp  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12228)

1. **Ron007**

[7 Dec, 17 at 4:33 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12213)

Great list, but it would be nice if you made it easier for us to identify changes in it since you say you make monthly changes.  
Rather than a PDF, how about putting this tips in a downloadable spreadsheet or Word document that the tips can be sorted by insertion date as well as category. Actually. If you make the download cumulative that would be even better. So each month we could replace the old file with the new one, containing the all of the tips you’ve published here over time. Even if you start now building the cumulative file, that would be better.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12213)

* + **Puneet**

[8 Dec, 17 at 5:35 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12214)

Thanks for the great advice.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12214)

1. **S raw**

[29 Oct, 17 at 5:44 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12212)

Hello Sir,  
I want to learn how to create macro. I have the basic knowledge of VB. Please advise from where should I start.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12212)

1. **Pravin Bhaiswar**

[12 Oct, 17 at 11:28 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12207)

Sir, It’s extremely nice efforts. Would you save your precious time to modify one code of you you did? I need it should ask us location to save ask us to rename the file name before save………in the code for “Save Selected Range as a PDF” please modify this…..it will be beneficial for all…….please send me to [bhaiswarpravin@gmail.com](mailto:bhaiswarpravin@gmail.com)

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12207)

* + **Puneet**

[12 Oct, 17 at 11:38 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12208)

Thanks you Pravin, for the correction. Will correct it soon,

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12208)

* + - **Pravin Bhaiswar**

[12 Oct, 17 at 1:27 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12209)

Sir, I used this code at my office…it was nice working but on my home pc..it says “Run time error 5: Invalid procedure call or argument…….So please have solution sir.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12209)

* + - * **Puneet**

[13 Oct, 17 at 4:43 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12210)

Which version of Microsoft Office you are using?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12210)

* + - * + **Pravin Bhaiswar**

[13 Oct, 17 at 7:55 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12211)

Office 2007

1. **Niharika Mehra**

[26 Sep, 17 at 3:58 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12206)

Hi.. Can someone help me with the vba code to apply filter in pivot table.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12206)

1. **Khaja Raziuddin**

[24 Sep, 17 at 9:50 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12204)

Hello, really nice to see all these. is there any macro to copy data from different file to master file. if yes then can anyone please share

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12204)

* + **Puneet**

[24 Sep, 17 at 3:10 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12205)

You can use power query from that.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12205)

1. **Colleen Armstrong**

[31 Aug, 17 at 3:00 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12200)

Thank you for these!!! I am going to start putting many of the to use tomorrow!!

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12200)

* + **Puneet**

[31 Aug, 17 at 6:35 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12203)

That’s great.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12203)

1. **Himanshu Tiwari**

[30 Aug, 17 at 12:05 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12199)

Nice Work.  
I was also trying to get in touch with you to understand if there is a way we can filter a table based on unique values  
Let’s say we have the following table on the meetings done by a person, and the start time of each meeting  
Date Start Time  
———- ————–  
Aug 24 9:00 AM  
Aug 24 10:00 AM  
Aug 24 1:45 PM  
Aug 24 4:45 PM  
Aug 25 8:00 AM  
Aug 25 2:00 PM  
Aug 25 5:00 PM  
Aug 26 12:30 PM  
Aug 26 2:00 PM  
Aug 26 4:29 PM  
Aug 26 8:28 PM  
Now I need to calculate the average start time for the period (say week / month) from such a table.  
How to do so?  
The best way I have right now is copy both the columns, and check for duplicates in the Date column, followed by which I get to calculate the average start time. Something like this.  
Date Start Time  
——— ——————-  
Aug 24 9:00 AM  
Aug 25 8:00 AM  
Aug 26 12:30 PM  
Can we build a formula to decrease the above task.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12199)

1. **Dilshad Ahmad**

[30 Aug, 17 at 10:23 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12198)

Awesome! Puneet !

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12198)

* + **Puneet**

[31 Aug, 17 at 6:35 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12202)

Thanks for your words.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12202)

1. **Dhananjay Jadhav**

[30 Aug, 17 at 7:24 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12197)

Great Puneet! Many of these are new & innovative for me. I am sure it will help me save my hours of daily work. Thanks much

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12197)

* + **Puneet**

[31 Aug, 17 at 6:35 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12201)

I’m so glad you liked it.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12201)

1. **Hema Deepak Raturi**

[13 Aug, 17 at 3:38 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12195)

How to transfer a cell value from main workbook to several workbooks via VBA program, without opening the other several workbooks.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12195)

* + **Puneet**

[13 Aug, 17 at 3:33 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12196)

will get back to you.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12196)

1. **Jeff Faul**

[27 Jul, 17 at 2:50 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12189)

Hey, great macros. Question, I’m using macro 31 “add rows textbox” I’m adding rows at line 35 and then I need to copy the formula from h34 down to all the new rows. Could you help with this addition?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12189)

* + **Puneet**

[27 Jul, 17 at 5:33 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12190)

I assume you want to insert a new row and copy formula as well?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12190)

* + - **Jeff Faul**

[27 Jul, 17 at 10:33 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12191)

Yes, whatever number of rows are added I need the formula copied to every new row

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12191)

* + - **Jeff Faul**

[30 Jul, 17 at 10:38 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12192)

Here is what I currently have:  
Sub InsertMultipleRows()  
Dim i As Integer  
Dim j As Integer  
Rows(“35:35”).Select  
On Error GoTo Last  
i = InputBox(“Enter number of items to add”, “Insert Items”)  
For j = 1 To i  
Selection.Insert Shift:=xlToDown, CopyOrigin:=xlFormatFromRightorAbove  
Next j  
Last:  
Range(“H34”).Select  
Selection.AutoFill Destination:=Range(“H34:H35”), Type:=xlFillDefault  
‘Range(“H34″+i).Select (This is the part I need help with)  
Range(“C35”).Select  
Exit Sub  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12192)

* + - * **Jeff Faul**

[5 Aug, 17 at 2:33 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12193)

Nevermind, I figured it out

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12193)

* + - * + **Puneet**

[5 Aug, 17 at 7:45 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12194)

I’m sorry I just missed your update. Please share with me here so that other can make use of it.

1. **Kushal R Jaju**

[29 May, 17 at 6:56 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12184)

Hi Puneet.. It’s a great website and I’m learning something every day. Thanks for that..  
Save as PDF Command not working, can you please help. ?

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12184)

* + **Puneet**

[31 May, 17 at 10:21 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12188)

Please share the error you got.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12188)

* + - **mick**

[10 Apr, 19 at 8:20 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12286)

hi Puneet, when saving to PDF I get the following error  
Compile error: statement outside type block  
the sentence “for each … Nextws” is shown in RED in 1 entire line  
Sub SaveWorkshetAsPDF()  
Dimws As Worksheet  
For Each ws In Worksheetsws.ExportAsFixedFormat xlTypePDF, “ENTER-FOLDER-NAME-HERE” & ws.Name & “.pdf” Nextws  
End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12286)

1. **Venkateshwara Iyer**

[7 May, 17 at 3:28 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12183)

i like to have the code to convert text to uppercase for entire sheet

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12183)

* + **Puneet**

[30 May, 17 at 10:57 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12185)

updated

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12185)

* + - **balaji**

[11 Jul, 19 at 10:16 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-15994)

hi,

would u pls help how to perform vlookup in VBA

reg  
Balaji

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-15994)

1. **Venkateshwara Iyer**

[7 May, 17 at 3:28 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12182)

SUPERB

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12182)

* + **Puneet**

[30 May, 17 at 2:14 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12187)

thank you

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12187)

1. **Vipul**

[1 Apr, 17 at 4:13 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12181)

Great  
Really helpful  
Would like to see more VBA codes.  
Thanks

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12181)

* + **Puneet**

[30 May, 17 at 10:58 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12186)

updated new codes

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12186)

1. **vishesh**

[1 Mar, 17 at 5:14 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12177)

Punit i am very novice to VB, so can you give some tips how to grow up in VB coding, your kind guidance is required, my email id is [gshuvishesh@gmail.com](mailto:gshuvishesh@gmail.com)

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12177)

* + **Puneet**

[15 Mar, 17 at 8:21 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12179)

Added.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12179)

1. **vishesh**

[1 Mar, 17 at 5:11 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12176)

Thanks Punit for sharing Wonderful Excel tricks….Helped me to automate my few daily routine task in one go….

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12176)

* + **Puneet**

[15 Mar, 17 at 8:21 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12178)

I’m so glad you liked it.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12178)

1. **gabriel gajardo**

[17 Feb, 17 at 4:03 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12175)

hi!  
i work a lot with vba, a have some codes that can be useful, lake a parametric sendMail or send a worksheet or range as body mail. if you wan to add the just get in touch.  
by the way, thanks for share some codes.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12175)

* + **Puneet**

[15 Mar, 17 at 8:22 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12180)

Thank you, you can share with me.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12180)

* + **zenix**

[7 Sep, 18 at 2:07 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12234)

Thank you in advance for your generosity.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12234)

* + **Abhiram G**

[6 Oct, 18 at 1:22 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12243)

hi Gabriel could you pls share this code to my mail ID also. [abhiram.dilip@gmail.com](mailto:abhiram.dilip@gmail.com) . Thanks in advance

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12243)

* + **Rajan**

[17 Aug, 19 at 11:11 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-17596)

[naik.rajan08@gmail.com](mailto:naik.rajan08@gmail.com)

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-17596)

* + **Rajan**

[17 Aug, 19 at 11:12 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-17597)

hi Gabriel could you pls share this code to my mail ID also. [naik.rajan08@gmail.com](mailto:naik.rajan08@gmail.com)  
Thanks in advance

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-17597)

1. **ratanak**

[23 Mar, 16 at 2:02 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12173)

Really nice,i’d love it.thanks puneet

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12173)

* + **Puneet**

[23 Mar, 16 at 6:09 am](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12174)

Thanks Ratanak, For Your Words

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12174)

1. **Inet Kemp**

[21 Feb, 16 at 7:01 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12171)

nice…highlight active row and column

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12171)

* + **Puneet**

[3 Mar, 16 at 5:35 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12172)

Thanks Inet

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-12172)

* + - **Swapnesh**

[24 Dec, 20 at 9:23 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-39334)

Hi Everyone,

I’m using the below code to send PDFs using outlook.  
However, i need it to use a different email address in my outlook instead of the default one

Any suggestions would be greatly appreciated  
Thanks in advance

Sub SendEmailWithPDF(bTest As Boolean)  
Dim wsM As Worksheet  
Dim wsL As Worksheet  
Dim wsR As Worksheet  
Dim wsS As Worksheet  
Dim rngL As Range  
Dim rngSN As Range  
Dim rngTN As Range  
Dim rngPath As Range  
Dim c As Range  
Dim lSend As Long  
Dim lSent As Long  
Dim lCount As Long  
Dim lTest As Long  
Dim lOff As Long

Dim OutApp As Object  
Dim OutMail As Object  
Dim strSavePath As String  
Dim strPathTest As String  
Dim strPDFName As String  
Dim strSendTo As String  
Dim strSubj As String  
Dim strBody As String  
Dim strMsg As String  
Dim strConf As String

On Error GoTo errHandler  
Application.ScreenUpdating = False  
Application.DisplayAlerts = False

strMsg = “Could not set variables”  
Set wsM = wksMenu  
Set wsS = wksSet  
Set wsL = wksList  
Set wsR = wksRpt  
Set rngL = wsL.Range(“StoreNums”)  
Set rngSN = wsR.Range(“rngSN”)  
Set rngTN = wsS.Range(“rngTN”)  
Set rngPath = wsS.Range(“rngPath”)  
‘test email address  
strSendTo = wsS.Range(“rngSendTo”).Value

lCount = rngL.Cells.Count  
‘#columns offset for email address  
lOff = 3

If bTest = True Then  
strConf = “TEST Emails: ”  
lTest = rngTN.Value  
If lTest > 0 Then  
lCount = lTest  
End If  
Else  
strConf = “STORE Emails: ”  
End If

strConf = strConf & lCount \_  
& ” emails will be sent”

If bTest = True Then  
If strSendTo = “” Then  
MsgBox “Enter a test email address” \_  
& vbCrLf \_  
& “and try again.”  
GoSettings  
GoTo exitHandler  
Else  
strConf = strConf & vbCrLf \_  
& “to ” & strSendTo  
End If  
End If

strConf = strConf & vbCrLf & vbCrLf  
strConf = strConf & “Please confirm: ” \_  
& vbCrLf & \_  
“Do you want to send the emails?”

lSend = MsgBox(strConf, \_  
vbQuestion + vbYesNo, “Send Emails”)

If lSend = vbYes Then  
strSubj = wsS.Range(“rngSubj”).Value  
strBody = wsS.Range(“rngBody”).Value  
strSavePath = rngPath.Value

strMsg = “Could not test Outlook”  
On Error Resume Next  
Set OutApp = \_  
GetObject(, “Outlook.Application”)  
On Error GoTo errHandler

If OutApp Is Nothing Then  
MsgBox “Outlook is not open. ” \_  
& vbCrLf \_  
& “Open Outlook and try again”  
GoTo exitHandler  
End If

strMsg = “Could not set path” \_  
& ” for PDF save folder”  
If Right(strSavePath, 1) “\” Then  
strSavePath = strSavePath & “\”  
End If

If DoesPathExist(strSavePath) Then  
‘continue code below,  
‘ using strSavePath  
Else  
MsgBox “The Save folder, ” \_  
& strSavePath \_  
& vbCrLf & “does not exist.” \_  
& vbCrLf & \_  
“Files could not be created.” \_  
& vbCrLf & \_  
“Please select valid folder.”  
wsS.Activate  
rngPath.Activate  
GoTo exitHandler  
End If

strMsg = “Could not start mail process”  
For Each c In rngL  
rngSN = c.Value

strMsg = “Could not create PDF for ” \_  
& c.Value  
strPDFName = “SalesReport\_” \_  
& c.Value & “.pdf”  
If bTest = False Then  
strSendTo = c.Offset(0, lOff).Value  
End If  
wsR.ExportAsFixedFormat \_  
Type:=xlTypePDF, \_  
Filename:=strSavePath \_  
& strPDFName, \_  
Quality:=xlQualityStandard, \_  
IncludeDocProperties:=True, \_  
IgnorePrintAreas:=False, \_  
OpenAfterPublish:=False

Set OutMail = OutApp.CreateItem(0)

strMsg = “Could not start mail for ” \_  
& c.Value  
On Error Resume Next  
With OutMail  
.To = strSendTo  
.CC = “”  
.BCC = “”  
.Subject = strSubj  
.Body = strBody  
.Attachments.Add \_  
strSavePath & strPDFName  
.Send  
End With  
On Error GoTo 0  
lSent = lSent + 1  
If lSent >= lCount Then Exit For  
Next c

Application.ScreenUpdating = True  
wsM.Activate

MsgBox “Emails have been sent”

End If

exitHandler:  
Application.ScreenUpdating = True  
Application.DisplayAlerts = True  
Set OutMail = Nothing  
Set OutApp = Nothing

Set wsM = Nothing  
Set wsS = Nothing  
Set wsL = Nothing  
Set wsR = Nothing  
Set rngL = Nothing  
Set rngSN = Nothing  
Set rngPath = Nothing

Exit Sub

errHandler:  
MsgBox strMsg  
Resume exitHandler

End Sub

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-39334)

* + - * **Dan**

[13 Apr, 22 at 11:23 pm](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-60707)

When did you first start referring to VBA codes or macro codes? This seems like an unusual phrase to me. I first heard it about six months ago and I have been programming for decades. Instead, I would refer to VBA subroutines, VBA functions, or VBA macros. Or might refer to code in general; e.g., this code is not clean. But I think that you are using the phrase “VBA codes” to mean “VBA subroutines” and this use seems to be becoming more prevalant.

[Reply](https://excelchamps.com/blog/useful-macro-codes-for-vba-newcomers/#comment-60707)