

How to delete blank rows in a worksheet using Macro?

Using macro, one can delete blank / empty rows easily. In below, I am trying to share the step by step procedures to be familiar with this macro and what's the logic behind it.

Before begin let assume that the current worksheet is having data in A1: D500. You can change the data range as per your actual requirement. In the below data table there are four records in row 1,2,7 & 9.

Table 1

	A	B	C	D
1	Bill no	Bill Dt	Party's Name	Amt Rs.
2	1001	01-04-2015	Ramesh	100000
3				
4				
5				
6				
7	1007	02-04-2015	Bimal	30000
8				
9	1004	04-05-2015	Vicky	60000
10				
11				
12				
13				

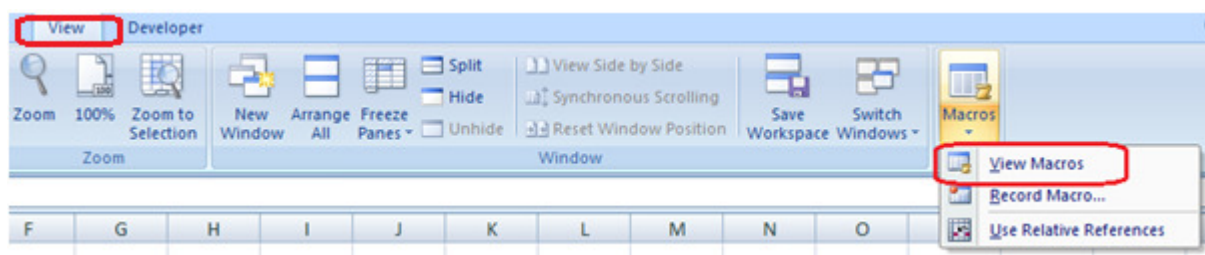
If you **run** the **macro** then the data will be appear as follows:

	A	B	C	D
1	Bill no	Bill Dt	Party's Name	Amt Rs.
2	1001	01-04-2015	Ramesh	100000
3	1007	02-04-2015	Bimal	30000
4	1004	04-05-2015	Vicky	60000

Right now we will concentrate on how to create the said macro to delete the empty/blank cells.

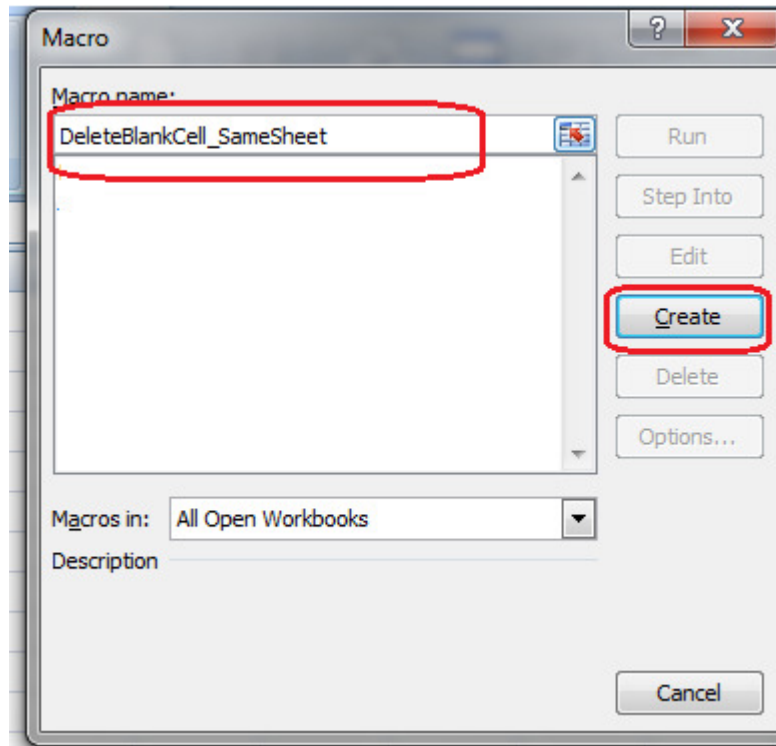
Step 1:

Go to **View** Menu and select **View Macros** marked in red color.



In Macro Name: Type the macro name say "DeleteBlankCell_SameSheet". You may write different macro name.

Click on **Create** button



Step 2: Next type the following commands inside the window.

```
(General) DeleteBlankCell_SameSheet

Sub DeleteBlankCell_SameSheet()
    Dim Rngrows As Long

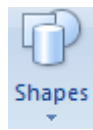
    Dim Rng As Range
    Set Rng = Range("A1:D500")

    For Rngrows = Rng.Row + Rng.Rows.Count - 1 To Rng.Row Step -1
        If Application.WorksheetFunction.CountA(Rows(Rngrows)) = 0 Then Rows(Rngrows).EntireRow.Delete
    Next
End Sub
```

Now close the window.

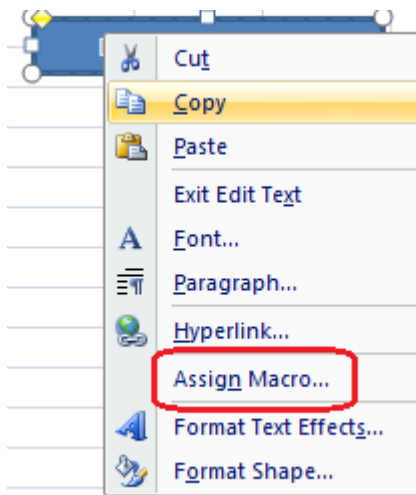
To Run the macro you may go to **View**--> Select Macro--->View Macro--->select macro name "DeleteBlankCell_SameSheet" and Click on **Run**. Or you may assign the said macro and on clicking the assigned object this macro will run.

To do the same

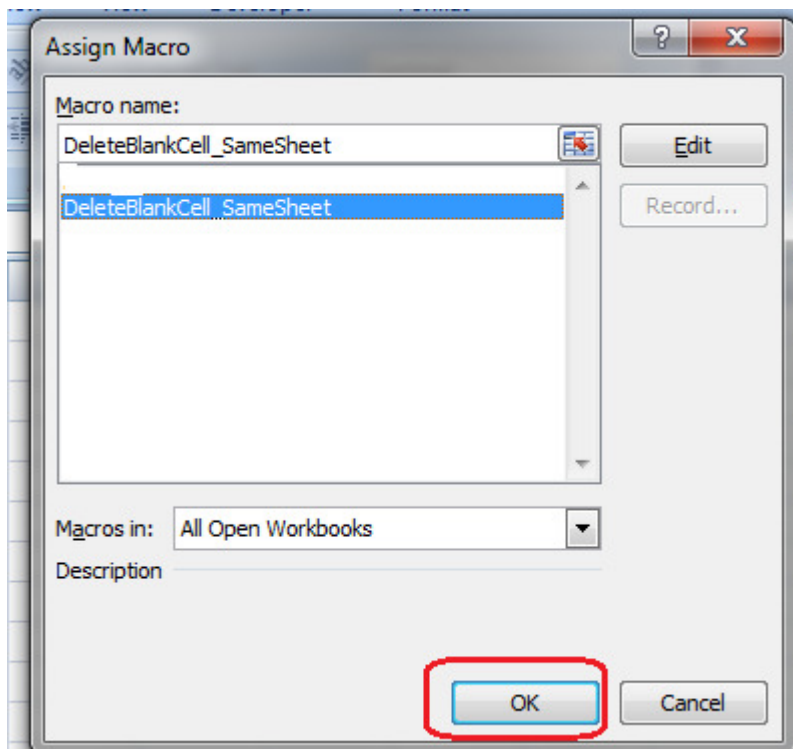


Go to **Insert**--->Click on shape Select any shape say  this shape.

Right click on it and type "Delete Blank Cells" . To assign the macro click on **Assign Macro** as follows:



Select "DeleteBlankCell_SameSheet" and click on **OK** button.



So next time when you click on  it will delete all the blank rows within the range A1:D500.

To save the macro in excel file should be save as .xlsm (Excel2007)

Please refer the following to understand the logic behind the macro commands as written above.

```
# Data range is from A1 to D500
# "Rng.Row" means the first row of the first area in the range.
# "Rng.Rows.Count" means Total Count of Rows in the range.
# "-1" next to Rng.Rows.count is given because first row i.e Rng.Row is already
added with total rows counted in the range, hence subtracting "-1" will result the
total nos of rows.
# "To Rng.Row" means from last row to first row in the range.
# "Step -1" means look back by 1 row from last row in the range.
```