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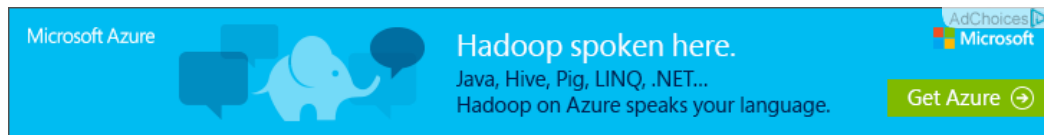
VBA Macro to delete rows based on the users input

0

I am trying to find a macro that will delete all rows below a user specified number. For example the user will put in "19" and the macro will delete rows 20 and below. I really appreciate the help.

Thanks!

`excel` `vba` `excel-vba`

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asked Jul 24 '12 at 16:41

miken83
8 ● 3

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3   Try writing one, and if you can't make any progress, post your code, and people will help. This is more of a help you over the hump site that a do it all for you site. – GrayFox374 Jul 24 '12 at 16:44

Yes my original description was rather ambiguous. I meant 20-65536. – miken83 Jul 24 '12 at 17:21

+ 1 @GrayFox374: I had seen your comment 30 mins ago and out of respect didn't post a code sample but when I saw incorrect code samples were posted, I couldn't help myself. I apologize for the same. – Siddharth Rout Jul 24 '12 at 17:29

I know! It's hard not to contribute, even though it only encourages them! LOL. Some of us are addicted to problem solving! – GrayFox374 Jul 24 '12 at 17:39

Welcome to Stack Overflow. Kindly read the FAQ – it is expected that questions here relate to specific programming problems. Please post what you have tried and specifically where you are stuck. – JimmyPena Jul 24 '12 at 17:51

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3 Answers

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Try this. I have used `ActiveSheet`. You can set it to any sheet that you would like to work with.

```
Sub Sample()
    Dim Ret As Long

    Ret = Application.InputBox(Prompt:="Please enter a row number", Type:=1)

    If Ret = False Then Exit Sub

    With ActiveSheet
        .Rows(Ret + 1 & ":" & .Rows.Count).Delete
    End With
End Sub
```
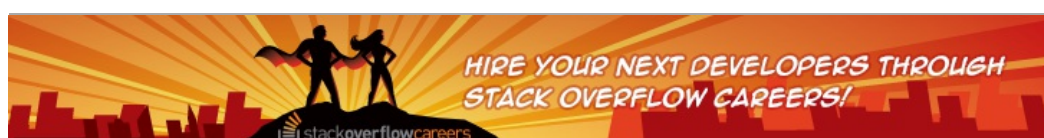
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answered Jul 24 '12 at 17:22

Siddharth Rout
66.2k ● 8 ● 61 ● 82

Nice and tidy Sidd. – Reafidy Jul 24 '12 at 21:54

add a comment

0

You can enter into column=1 and Row=1 the number of the row you want to keep. The data is in rows=deleterowsbefore every row back to row=2 will be deleted.

```
Sub Macro1()
'
' Macro1 Macro
```

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```
        '

            deleterowsbefore = ActiveSheet.Cells(1, 1)
            Rows("2:" & deleterowsbefore - 1).Select
            Selection.Delete Shift:=xlUp
    End Sub
```

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answered Jul 24 '12 at 17:04
er_jack
8 ●4

add a comment

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-1

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This should do the trick:

```
Sub UserInput()
    Dim num As Integer
    num = InputBox(Prompt:="Enter the row number.", Title:="Enter Row Number", Def
    If (num < 1) Then
        GoTo Whoops:
    End If
    Dim i As Integer
    i = 1
    Do While i <= num
        Rows(1).EntireRow.Delete
        i = i + 1
    Loop
    GoTo Fin:
    Whoops:
        MsgBox ("You have entered an invalid row number")
    Fin:
End Sub
```
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answered Jul 24 '12 at 16:57
jrad
1,961 ●6 ●20

You should never ever need to use `GoTo` in VBA. There are always better ways. And I think that the OP used "Row 20 and below" to mean rows 20-65536 (or whatever, it can vary), not rows 1-19. Admittedly, that's ambiguous. — Andrew Leach Jul 24 '12 at 17:01 🖊

I see no problem with using `GoTo` here; it's simple enough. And I interpreted "20 and below" as "20 and row numbers less than 20 aka 1-19." — jrad Jul 24 '12 at 17:03 🖊

2   See what one of the best Excel MVP said about GoTo please: cpearson.com/excel/errorhandling.htm. I really can't upvote an answer using GoTo sorry — JMax Jul 24 '12 at 17:07

1   Hmmm, I reluctantly must agree with @AndrewLeach and JMax - GOTO should never be 'gone to' in 2012. I used to use it when I was first learning to code on my Commodore 64 back in the day, but never as a professional. It works, but that is a slippery slope to hackery. — GrayFox374 Jul 24 '12 at 17:21

`GoTo Fin:` looks pointless here. Simply use `Exit Sub`, it's the same thing. — JimmyPena Jul 24 '12 at 17:50

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