

Macro Help Needed: Comparing cell values and deleting rows

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Greetings Excel Pros!

I am new to Macro writing... I know what I want to do, but given the time constraints, I think this medium is the quickest solution to my question. I don't have enough time to spend researching and studying VBA syntax and built-in functions.

Here's the problem to be solved with a Macro: I have a large file (~25,000 row entries) but upon filtering, I can isolate blocks of about 60 rows (not concurrent, i.e. rows 1, 2, 13, 18, 20, 25, 31 etc.).

Within this sub-set I want to delete rows based on a comparison task. Columns A-M are in use, and rows 1 & 2 are frozen because I'm using them as header rows.

I will sort Column "L" so that its entries contain values Lot 1 - Lot 4 in ascending order. Column "D" contains the values to be compared with all row entries where Column "L" contains Lot 1 - Lot 3. The main idea is to delete duplicates (based only on value of Column "D" entry) for on Lot 4 entries. Additionally, when conducting the check, only the first THREE characters of each Column "D" cell should be compared. Only the first FIVE characters of each Column "L" cell should be compared. I know that in the spreadsheet there is a "=LEFT(A:A, 5)" function for example. Can this be used here somehow?

Here's the pseudocode I came up with...

```
'Check Column L for first occurrence of "Lot 4" in order to assign  
reference
```

```
For i = first_row_of_column_L To last_entry_found_in_column_L Step +1  
If current_cell = "Lot 4" Then  
init_Lot4_Ref = current_cell 'Break at this point, our reference  
is set!
```

```
'Else, check next cell  
Next i
```

```
'Now that we have a reference, check Column D to delete duplicate rows
```

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```
For j = init_Lot4_Ref to last_entry_found_in_column_L Step +1
For k = first_row to j Step +1
If Cells(k, "D").Value = Cells(j, "D").Value Then
Rows(k).EntireRow.Delete
Next k
Next j
```

*** Remember that when checking Column L entry, only check first FIVE characters (some entries are listed "Lot 4 special" but this should be treated like "Lot 4"). When checking Column D entry, only check first THREE characters (some entries are listed "225(NEW)" but this should be treated like "225").

Thanks to whomever can help!

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