

Add Excel Data to Matlab Workspace Variable

How to copy-and-paste data from Excel to a Matlab Workspace variable

1. Right-click in the Workspace region of the Matlab window and select 'New'

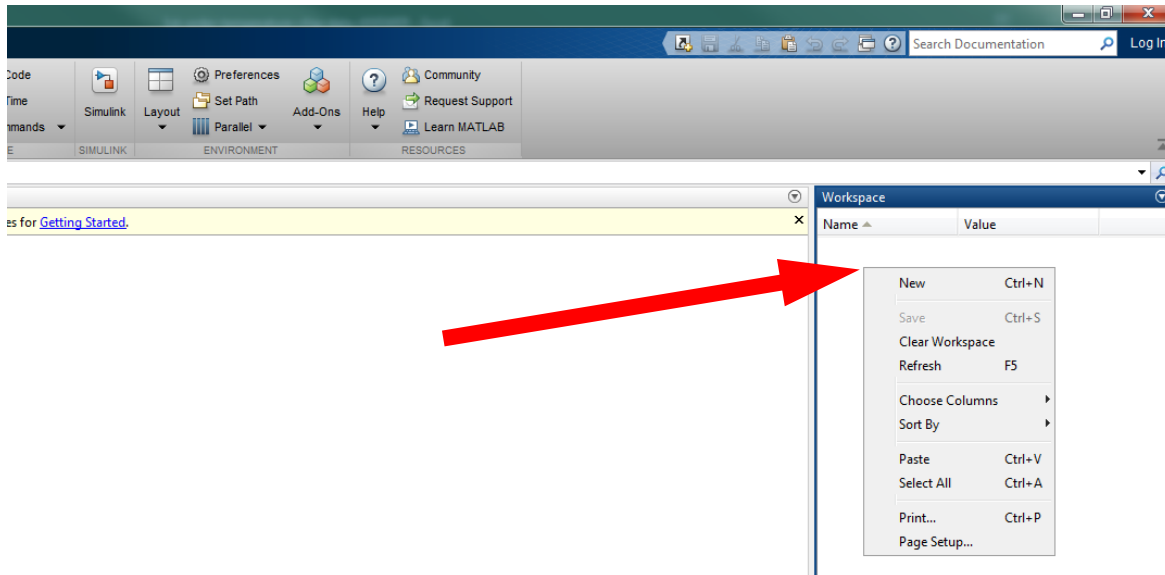


Figure 1: Right click and select 'New'

2. Give your variable an appropriate name

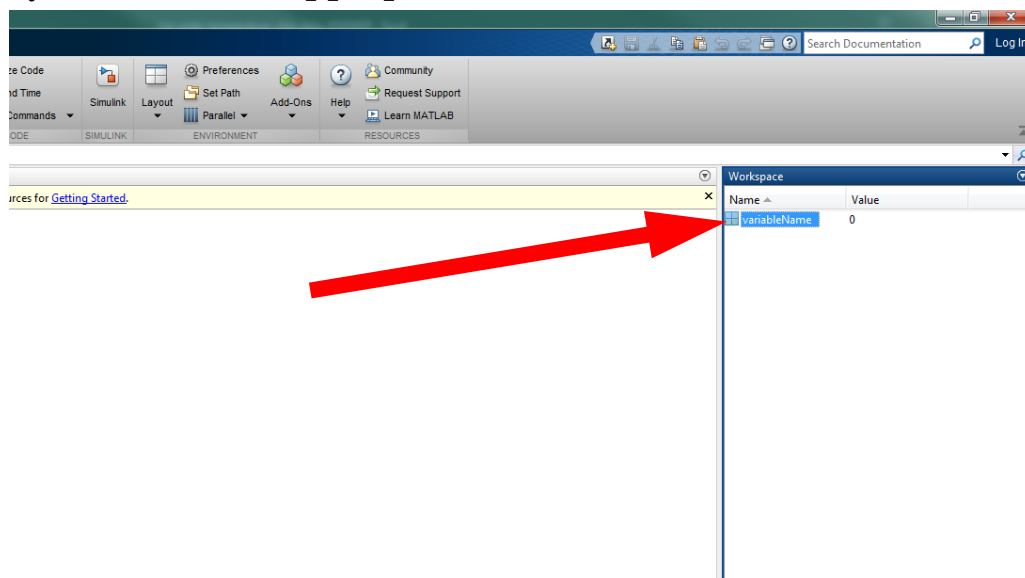


Figure 2: Give your variable a name

3. Double-click on the variable to open up the 'Variables' window/dock

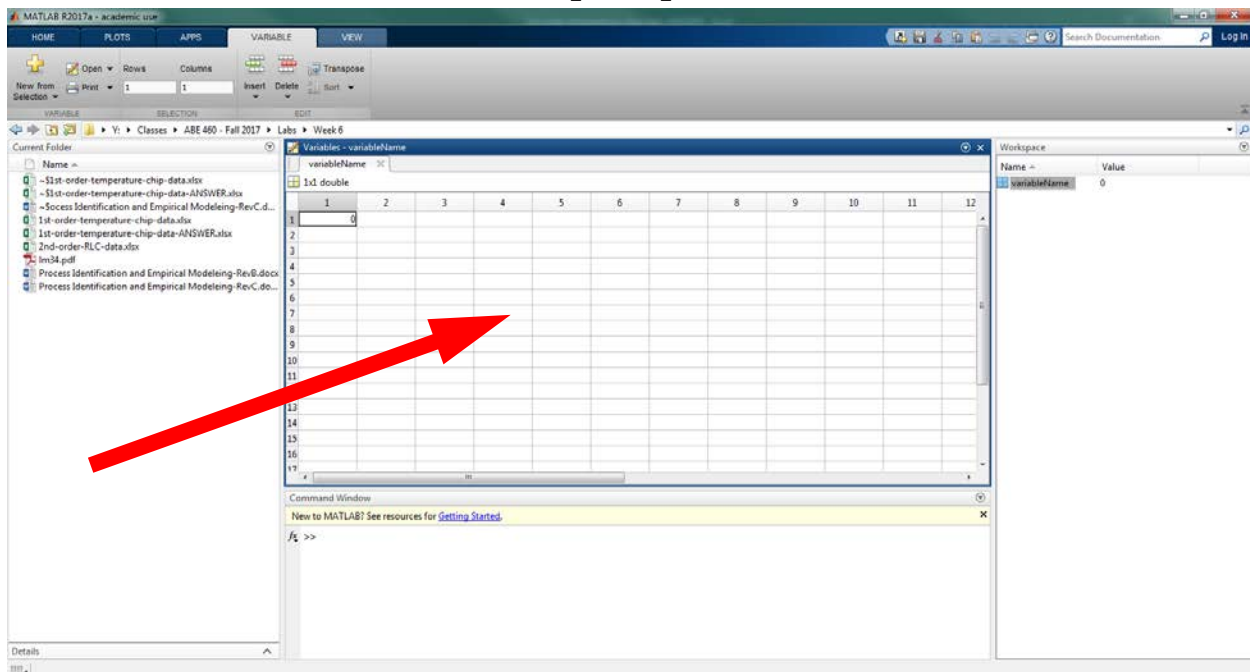


Figure 3: The 'Variables' window/dock shows that the new variable is empty

4. Go to your Excel worksheet, highlight the desired data, and copy it
5. Go back to the Matlab 'Variables' window/dock and select the starting cell. Typically this will be the cell in the upper-left corner (row 1, column 1). It should already have the value of zero in it.

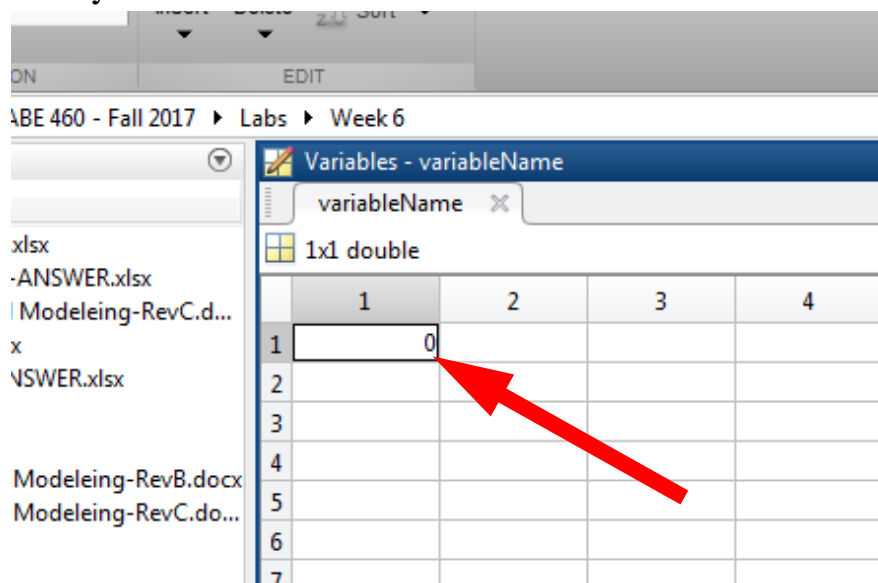
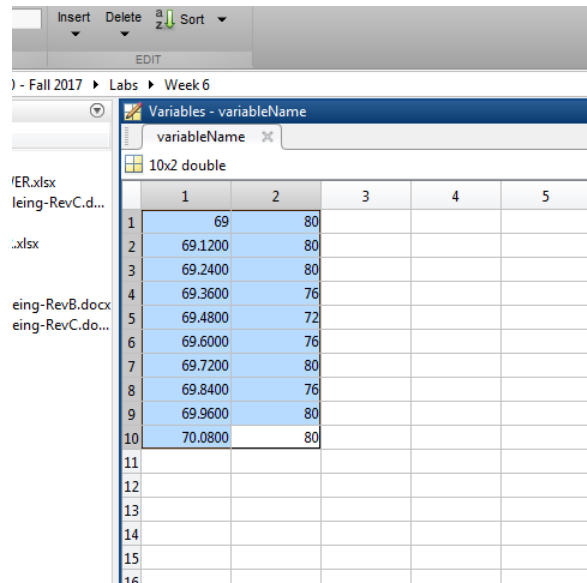


Figure 4: Select the desired cell

6. Paste your data from Excel into the Matlab variable



The screenshot shows the MATLAB interface with the 'Variables' window open. The variable 'variableName' is of type '10x2 double'. The data is displayed in a table with 10 rows and 2 columns. The first column contains values ranging from 69 to 70.0800, and the second column contains values ranging from 72 to 80. The table is titled '10x2 double' and has columns labeled 1, 2, 3, 4, and 5. The data is as follows:

| | 1 | 2 | 3 | 4 | 5 |
|----|---------|----|---|---|---|
| 1 | 69 | 80 | | | |
| 2 | 69.1200 | 80 | | | |
| 3 | 69.2400 | 80 | | | |
| 4 | 69.3600 | 76 | | | |
| 5 | 69.4800 | 72 | | | |
| 6 | 69.6000 | 76 | | | |
| 7 | 69.7200 | 80 | | | |
| 8 | 69.8400 | 76 | | | |
| 9 | 69.9600 | 80 | | | |
| 10 | 70.0800 | 80 | | | |
| 11 | | | | | |
| 12 | | | | | |
| 13 | | | | | |
| 14 | | | | | |
| 15 | | | | | |

Figure 5: Paste your Excel data into the Matlab variable