

HOME PLOTS APPS EDITOR PUBLISH VIEW

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C:\Program Files\MATLAB\R2017a\bin

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- worker.bat
- mw_mpiexec.bat
- mexutils.pm
- mexsetup.pm
- mexext.bat
- mex.pl
- mex.bat
- mcc.bat
- mbuild.bat
- matlab.exe
- lcdata_utf8.xml
- lcdata.xsd
- lcdata.xml
- deploytool.bat
- win64

Details

Workspace

Name	Value
mdata	22x2 double
x	22x1 double
y	22x1 double

```
Editor - C:\Users\AHMED\Documents\MATLAB\RAMATUntitled.m*
ASSIGNMENTUntitled2.m x makeheadhtml.m x MELVINAMADIUntitled.m x ANDREWTOBI.m x RAMATUntitled.m* x
1 - commandwindow
2 - clear
3 - clc
4 - close all
5 - mdata=xlsread('RAMATENEMAKU.xlsx')
6 - x=mdata(:,1)
7 - y=3*x
8 - OCHIJENU RAMAT ENEMAKU
9 - 18/ENG05/041
```

Command Window

New to MATLAB? See resources for [Getting Started](#).

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Command Window

New to MATLAB? See resources for [Getting Started.](#)

```
y =  
0  
3  
6  
9  
12  
15  
18  
21  
24  
27  
30  
33  
36  
39  
42  
45  
48  
51  
54  
57  
60  
63
```

>>

File Home Insert Page Layout Formulas Data Review View Tell me what you want to do...

Clipboard: Paste, Cut, Copy, Format Painter

Font: Calibri, 11, Bold, Italic, Underline, Text Color, Background Color

Alignment: Left, Center, Right, Justify, Merge & Center, Wrap Text

Number: General, Currency, Percentage, Decimals

Styles: Conditional Formatting, Format as Table, Cell Styles

Cells: Insert, Delete, Format

Editing: AutoSum, Fill, Clear, Sort & Filter, Find & Select

B2 = $=A2*3$

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	x	y																			
2	0	0																			
3	1	3																			
4	2	6																			
5	3	9																			
6	4	12																			
7	5	15																			
8	6	18																			
9	7	21																			
10	8	24																			
11	9	27																			
12	10	30																			
13	11	33																			
14	12	36																			
15	13	39																			
16	14	42																			
17	15	45																			
18	16	48																			
19	17	51																			
20	18	54																			
21	19	57																			
22	20	60																			
23	21	63																			

OCHIJENU RAMAT ENEMAKU
18/ENG05/041
MECHATRONICS ENGINEERING

$$A := \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \end{pmatrix}$$

$$B := \begin{pmatrix} 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{pmatrix}$$

$$X := \text{stack}(A, B)$$

$$Y := \text{augment}(A, B)$$

$$X = \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \\ 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{pmatrix}$$

$$Y = \begin{pmatrix} 1 & 4 & 7 & 10 & 13 & 16 \\ 2 & 5 & 8 & 11 & 14 & 17 \\ 3 & 6 & 9 & 12 & 15 & 18 \end{pmatrix}$$

Math

- $x = \int \frac{dy}{y}$
- $\alpha \beta$
- $\frac{d}{dx}$
- $\frac{d^2}{dx^2}$
- $\frac{d^3}{dx^3}$
- $\frac{d^4}{dx^4}$
- $\frac{d^5}{dx^5}$
- $\frac{d^6}{dx^6}$
- $\frac{d^7}{dx^7}$
- $\frac{d^8}{dx^8}$
- $\frac{d^9}{dx^9}$
- $\frac{d^{10}}{dx^{10}}$
- $\frac{d^{11}}{dx^{11}}$
- $\frac{d^{12}}{dx^{12}}$
- $\frac{d^{13}}{dx^{13}}$
- $\frac{d^{14}}{dx^{14}}$
- $\frac{d^{15}}{dx^{15}}$
- $\frac{d^{16}}{dx^{16}}$
- $\frac{d^{17}}{dx^{17}}$
- $\frac{d^{18}}{dx^{18}}$
- $\frac{d^{19}}{dx^{19}}$
- $\frac{d^{20}}{dx^{20}}$

Calculator

Matrix

- $n!$
- \ln
- \log
- \tan
- \cos
- \sin
- $:=$
- $.$
- 0
- $-$
- $=$