

HOME PLOTS APPS EDITOR PUBLISH VIEW

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FILE NAVIGATE EDIT BREAKPOINTS RUN

C:\Users\PRECIOUS\Documents

Command Window

```
A =
     1     4     7
     2     5     8
     3     6     9

B =
    10    13    16
    11    14    17
    12    15    18

X =
     1     4     7
     2     5     8
     3     6     9
    10    13    16
    11    14    17
    12    15    18

Y =
     1     4     7    10    13    16
     2     5     8    11    14    17
     3     6     9    12    15    18
```

Editor - C:\Users\PRECIOUS\Documents\belemaprecious.m

belemaprecious.m

```
1 - commandwindow
2 - clear
3 - clc
4 - close all
5 - A = [1 4 7; 2 5 8; 3 6 9]
6 - B = [10 13 16; 11 14 17; 12 15 18]
7 - X = [A; B]
8 - Y = [A, B]
```

Current Folder: Workspace

Name	Value
A	[1,4,7;2,5,8;3,6,9]
B	[10,13,16;11,14,17;12,15,18]
X	6x3 double
Y	3x6 double

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

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

Y = augment(A,B)

X = stack(A,B)

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

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

Math

Matrix