

EDITOR PUBLISH VIEW

Insert fx f1

Breakpoints Run Run and Advance Run Section Advance Run and Time

EDIT BREAKPOINTS RUN

R2018a bin

Editor - C:\Users\Haneef B\Documents\MATLAB\corona1.m

Untitled.m x BELLOHB.m x Unt.m x corona1.m x +

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

Command Window

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

fx >>



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

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

`X := stack(A,B)`

`Y := augment(A,B)`

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

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

+

Matrix

$\begin{bmatrix} \cdot & \cdot & \cdot \\ \cdot & \cdot & \cdot \\ \cdot & \cdot & \cdot \end{bmatrix}$	\times_n	\times^{-1}	$ \cdot $
\vec{v}	M^{\leftrightarrow}	M^T	$m..n$
$\vec{v} \cdot \vec{v}$	$\vec{v} \times \vec{v}$	Σ	$\frac{d}{dx}$

Calculator

sin	cos	tan	ln	log
n!	i	\cdot	$\sqrt{\quad}$	$\sqrt[n]{\quad}$
e^x	$\frac{1}{x}$	()	\times^2	\times^y
π	7	8	9	/
$\frac{1}{\sqrt{\quad}}$	4	5	6	\times
\div	1	2	3	+
\pm	.	0	-	=



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