

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

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

+

Y = augment(A,B)

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

X = stack(A,B)

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

```
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 - Y = [A, B]
7 - X = [A ; B]
```

I

### Command Window

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

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

fx >>