



mobile > CommandsExample > CommandsExample.m

```
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=[A,B]
```





>> CommandsExample

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

>>



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

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

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

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

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

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