

```
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]
8
```

Command Window

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

Y =

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

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

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

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)

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