

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

+

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

`X := stack(A,B)`

`Y := augment(A,B)`

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

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

```
practices.m | quizclass.m | ...
1      commandwindow
2      clc
3      clear
4      A=[1 4 7; 2 4 5; 3 6 9]
5      B=[10 13 16; 11 14 17; 12 15 18]
6      C=horzcat(A,B)
7      D=vertcat(A,B)
```

Command Window

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

```
      2      4      5
      3      6      9
     10     13     16
     11     14     17
     12     15     18
```