

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

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

=

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)

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

```
Editor - C:\Users\BENJAMIN SUNDAY UNAH\Downloads\benjaminfour.m
1  commandwindow
2  clear
3  clc
4  close all
5  A = [ 1 4 7; 2 5 8; 3 6 9]
6  B = [ 10 13 16; 11 14 17; 12 15 18]
7  Y = [A, B]
8  X = [A; B]
```

Command Window

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

```
Editor - C:\Users\BENJAMIN SUNDAY UNAH\Downloads\benjaminfour.m
1  commandwindow
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7  Y = [A, B]
8  X = [A; B]
```

Command Window

```
12    15    18

Y =

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