

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

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

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

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

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

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

1 for help.

practicwss.m x excelmatlabwork1.m x exceltomatlab.m x assignment111.m x onlineclass1radioactivity.m x +

```
1 - commandwindow
2 - clear
3 - clc
4 - syms A B X Y
5 - A=[1 4 7; 2 5 8; 3 6 9]
6 - B=[10 13 16;11 14 17;12 15 18]
7 - X=[A;B]
8 - Y=[A B]
9
```

Command Window

```
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

fx >>
```

Current Folder
Name =

Workspace
Name Value