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LMSassignment.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]
8
```

```
Command Window  
  
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  
  
fx >>
```

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

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

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

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

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

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