

NAME : MOHAMMED Abdulmalik  
MATRIC: 18/ENG06/043  
MECHANICAL ENGINEERING

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

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

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

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

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

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

- ⊕ .frostwire5
- ⊕ .Origin
- ⊕ .QtWebEngineProcess
- ⊕ 3D Objects
- ⊕ AppData
- ⊕ Application Data
- ⊕ Contacts
- ⊕ Cookies
- ⊕ Desktop
- ⊕ Documents
- ⊕ Downloads
- ⊕ Favorites
- ⊕ IntelGraphicsProfiles
- ⊕ Links
- ⊕ Local Settings
- ⊕ MicrosoftEdgeBackups

Details ^

Workspace ▾

Name ▲	Value
A	[1,4,7;2,5,8;3,6,9]
B	[10,13,16;11,14,17;12,...
X	6x3 double
Y	3x6 double

```

1  % MOHAMMED,Abdulmalik Chinonso
2  % 18/ENG06/043
3  % Mechanical Engineering
4  % EN282 Assignment
5
6  -  commandwindow
7  -  clear
8  -  clc
9
10 -  A = [1 4 7; 2 5 8; 3 6 9]
11 -  B = [10 13 16; 11 14 17; 12 15 18]
12
13 -  X = [A; B]
14 -  Y = [A B]

```

Command Window

```

      3      6      9
     10     13     16
     11     14     17
     12     15     18

Y =

fx  1      4      7     10     13     16
    2      5      8     11     14     17

```