

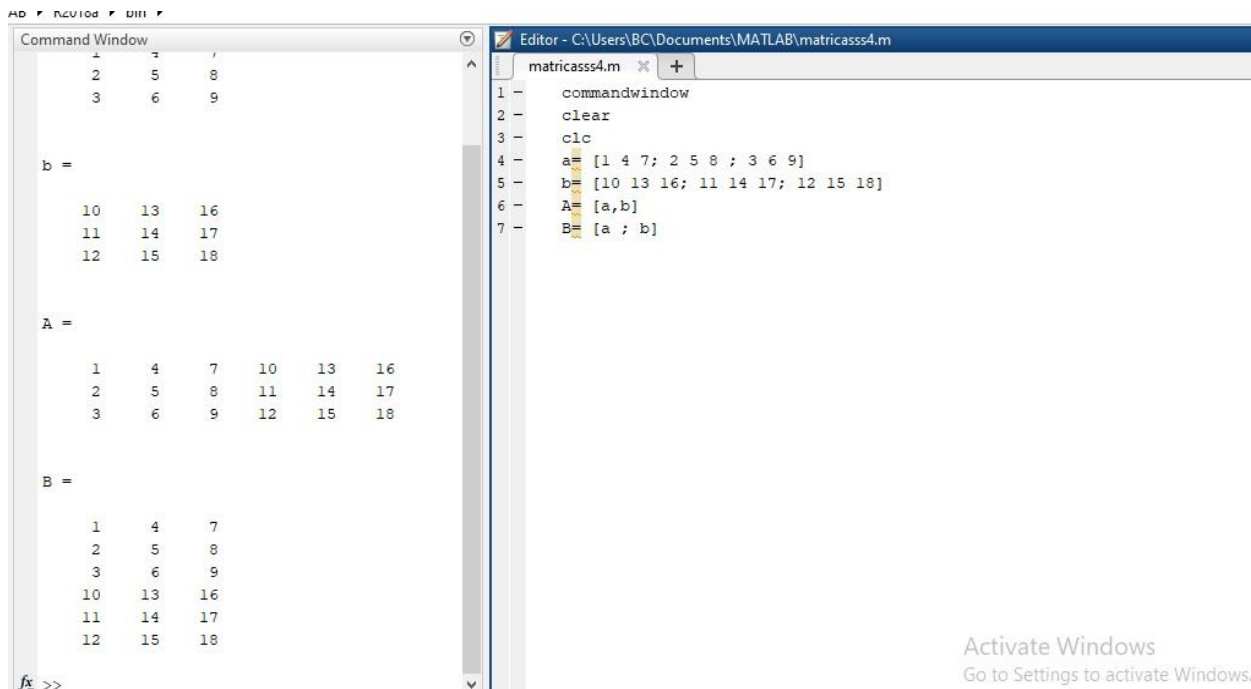
IZUCHUKWU CHIDERA VICTOR

18/ENG05/024

MECHATRONICS

GOODEVENING SIR. THE SCREENSHOT PICTURES OF MY ASSIGNMENT ARE SHOWN BELOW.

$$A := \begin{bmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \end{bmatrix} \quad B := \begin{bmatrix} 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{bmatrix}$$
$$Y := \text{augment}(A, B)$$
$$Y = \begin{bmatrix} 1 & 4 & 7 & 10 & 13 & 16 \\ 2 & 5 & 8 & 11 & 14 & 17 \\ 3 & 6 & 9 & 12 & 15 & 18 \end{bmatrix}$$
$$X := \text{stack}(A, B)$$
$$X = \begin{bmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \\ 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{bmatrix}$$



```
Command Window
1      2      /
2      5      8
3      6      9

b =

10     13     16
11     14     17
12     15     18

A =

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

B =

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

Editor - C:\Users\BC\Documents\MATLAB\matricass4.m
matricass4.m x +
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 - A = [a,b]
7 - B = [a ; b]
```

Activate Windows  
Go to Settings to activate Windows.