Mathcad Professional - [Untitled:1]

File Edit View Insert Format Math Symbolics Window Help

Normal Arial 10

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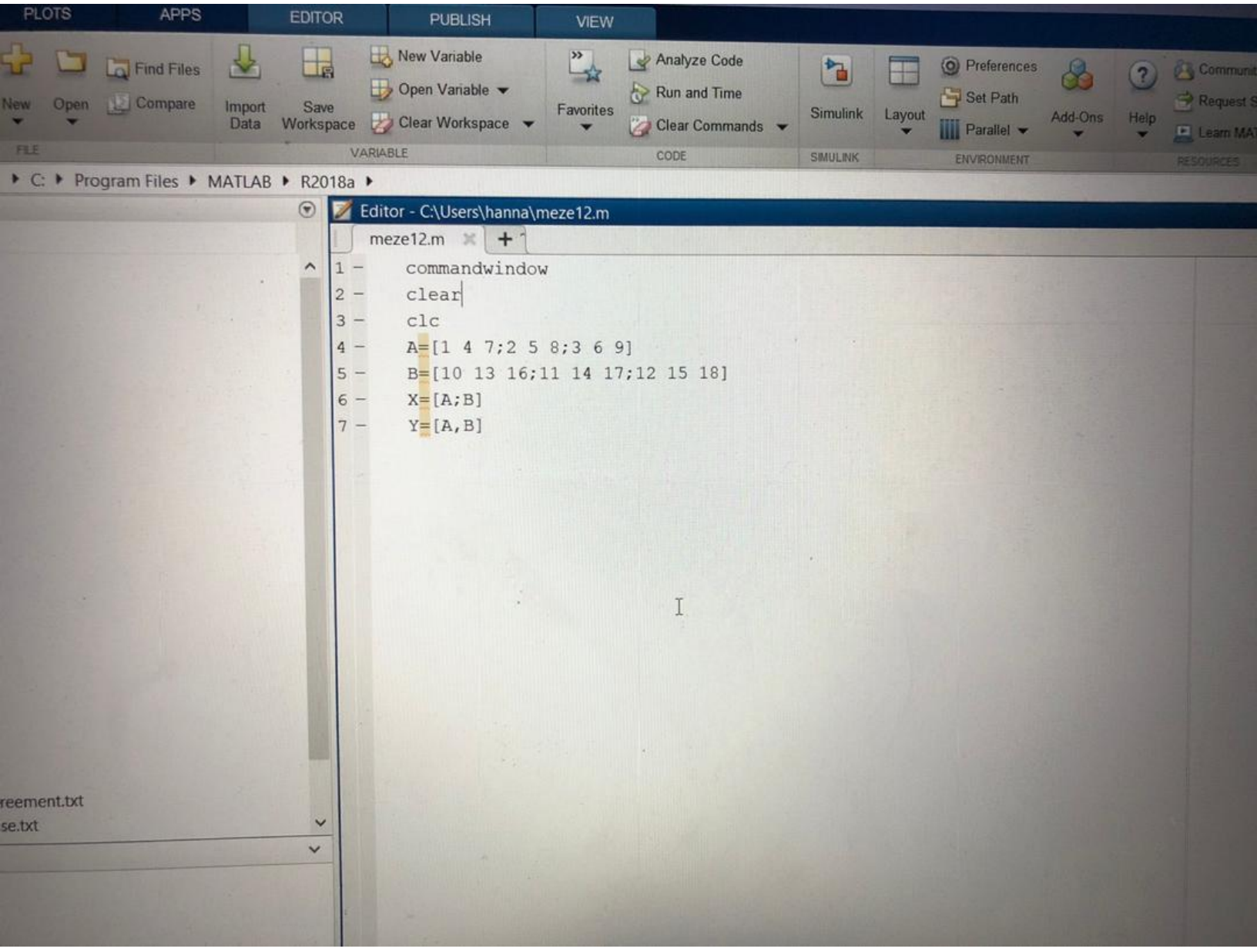
18/ENG05/031
MECHATRONICS ENGINEERING

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

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

$$X = \begin{pmatrix} 1 & 4 & 7 \\ 2 & 5 & 8 \\ 3 & 6 & 9 \\ 10 & 13 & 16 \\ 11 & 14 & 17 \\ 12 & 15 & 18 \end{pmatrix} \qquad Y = \begin{pmatrix} 1 & 4 & 7 & 10 & 13 & 16 \\ 2 & 5 & 8 & 11 & 14 & 17 \\ 3 & 6 & 9 & 12 & 15 & 18 \end{pmatrix}$$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meze12.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]
reement.txt
se.txt

```
itor - C:\Users\hanna\meze12.m
neze12.m
commandwindow
clear
clc
A=[1 4 7;2 5 8;3 6 9]
B=[10 13 16;11 14 17;12 15 18]
X=[A;B]
Y=[A,B]
```

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 >>
```