

OMAGBEMI AARON

16/ENG06/058

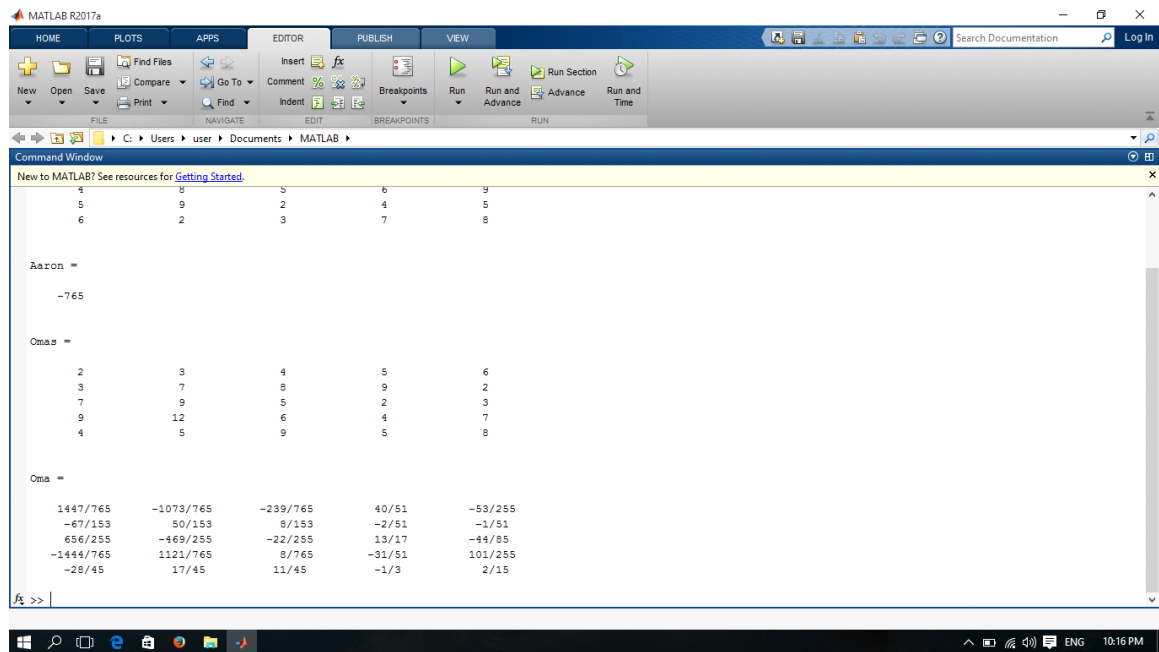
MECHANICAL ENGINEERING

QUESTION 1

```
commandwindow  
clear  
clc
```

QUESTION 2

```
commandwindow  
clear  
clc  
A = [2 3 7 9 4; 3 7 9 12 5; 4 8 5 6 9; 5 9 2 4 5; 6 2 3 7 8]  
Aaron= det(A)  
Omas= A'  
Oma= inv(A)  
format rat
```



QUESTION 3

```
commandwindow  
clear  
clc  
A= [0 10 4 -2; -3 -17 1 2 ; 1 1 1 0; 8 -34 16 -10];  
C= [4; 2; 6; 4]  
Omas= inv(A)  
B= Omas*C
```

MATLAB R2017a

HOME PLOTS APPS EDITOR PUBLISH VIEW

C:\Users\user\Documents\MATLAB

Command Window

New to MATLAB? See resources for [Getting Started](#).

```
C =  
  4  
  2  
  6  
  4  
  
C\A =  
 -5/28    -5/49    4/7    3/196  
 1/28    -3/196    1/28    -1/98  
 1/7     23/196    11/28   -1/196  
 -1/28    31/196    27/28   -3/49  
  
B =  
 18/7  
 2/7  
 22/7  
 40/7  
  
fx >>
```

Windows taskbar: 10:18 PM