

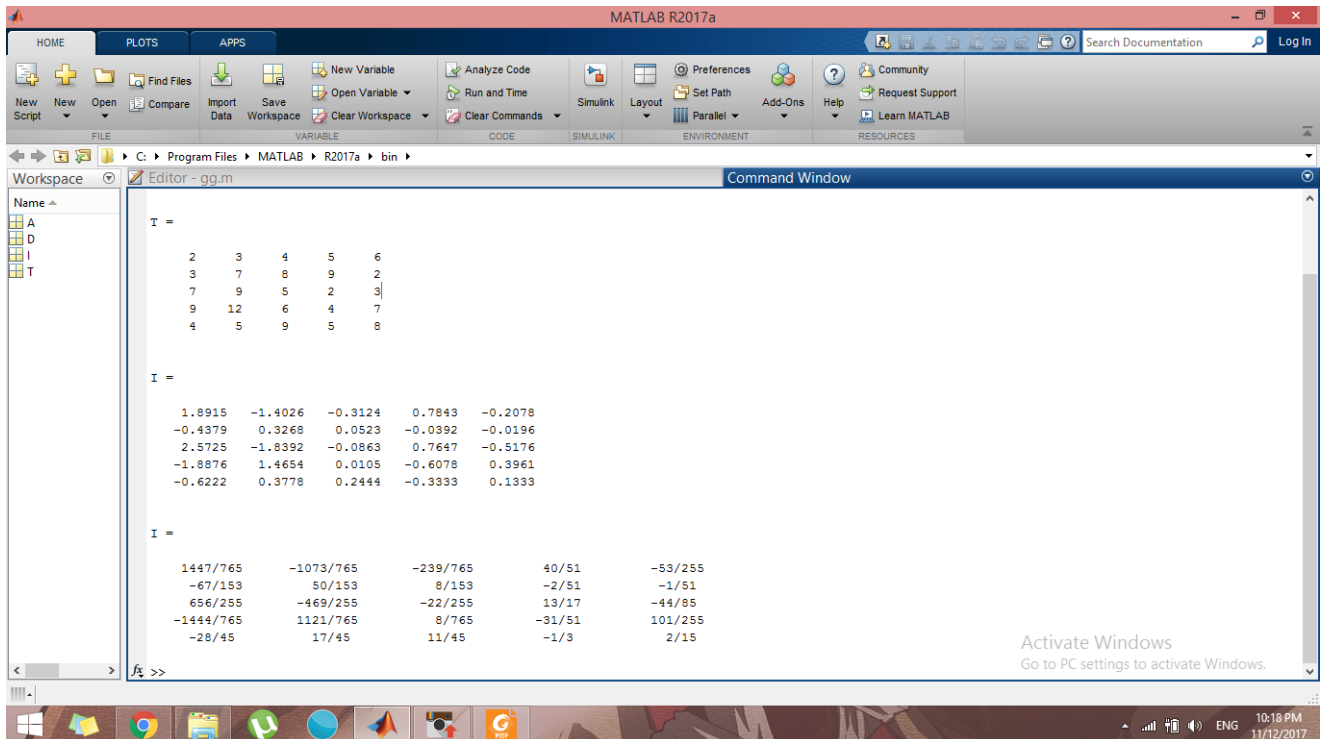
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MATRIC NO:16/ENG03/015
LEVEL:200 LEVEL

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];  
D = det(A) %finding the determinant  
T = A' %finding the transpose  
I = inv(A) %this is the inverse format rat % converting to fraction I %displaying  
the inverse in fractional form
```



QUESTION 3

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

