



Code Entered:

```
t=0:pi/100:2*pi; %any comment
y=sin(t);
z=cos(t);
x=(cos(t)).^2;
plot(t,y,t,z,t,x)
title('MATLAB Homework Ibrahim Abdelsalam')
polyval([1 3 -100 54.286 1 3 6],6)
roots([1 3 -100 54.286 1 3 6])
A=[1 1 1;1 -1 1;1 2 -1];
B=[6;2;2];
X=inv(A)*B
```

MATLAB_Homework_Ibrahim_Abdelsalam:

Problem 3:

ans =

-4.7830e+04

ans =

-11.8359 + 0.0000i

8.2813 + 0.0000i

0.7639 + 0.0000i

-0.3783 + 0.0000i

0.0845 + 0.4524i

0.0845 - 0.4524i

Problem 1:

X =

1

2

3

