commandwindow

clear

clc

close all

w = 0.5;

E = 30;

I = 5;

L = 2.5;

x = 0:0.001:15;

y = ((6 \* w \* L.^2 \* x.^2) - (4 \* w \* L \* x.^3) + (w \* x.^4))/(24\*E\*I);

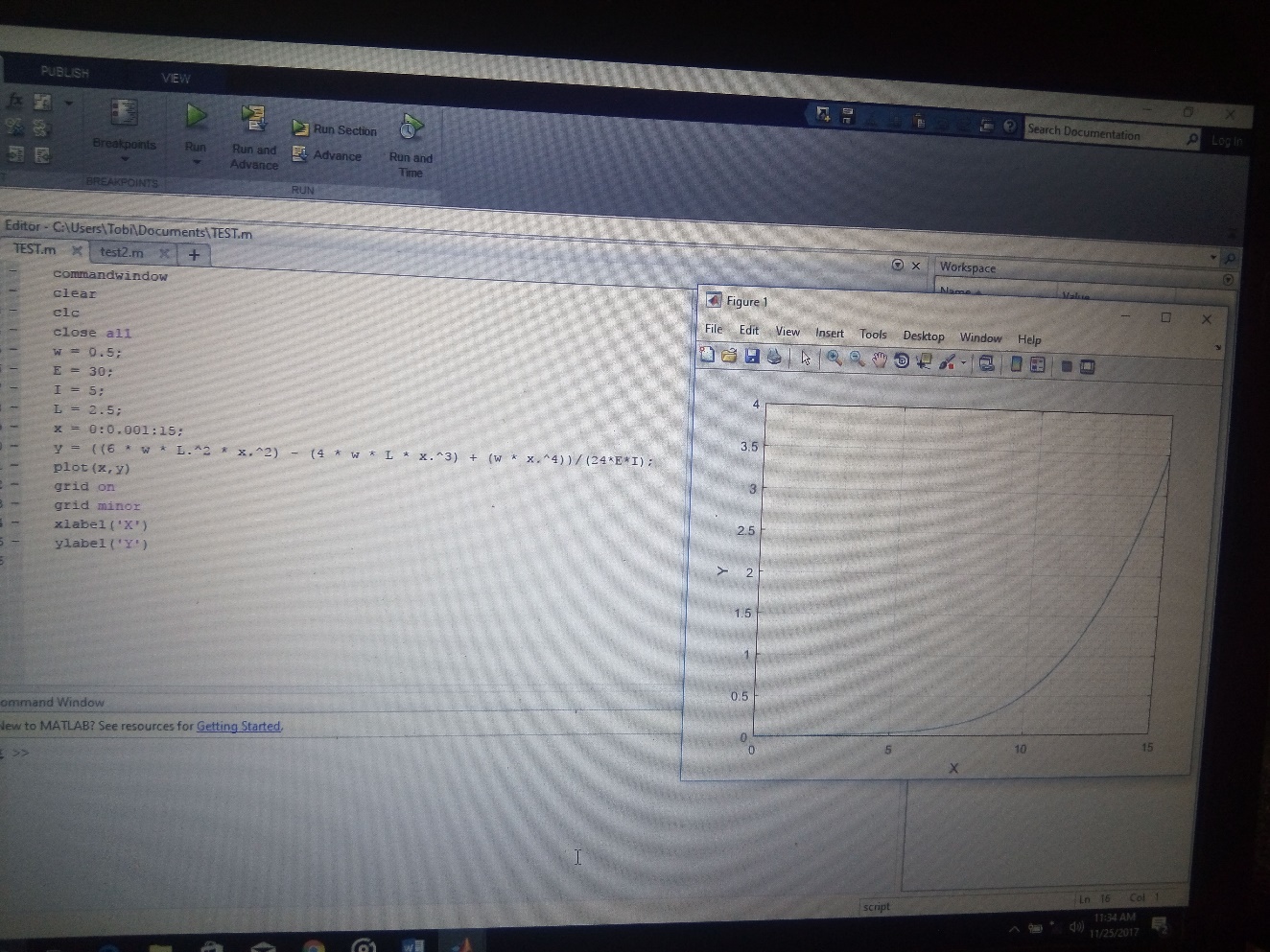
plot(x,y)

grid on

grid minor

xlabel('X')

ylabel('Y')



commandwindow

clear

clc

close all

t = 0:0.001:1;

n = 3 \* exp(4\*t) + 2 \* exp(-3\*t) - 12 \* t.^3 + 3 \* t.^2 - 6.5 \* t;

plot(t,n)

grid on

grid minor

xlabel('time(hr)')

ylabel('amount(kgmol)')

