**ADEPOJU MARY ABIMBOLA**

**17/ENG03/004**

**CIVIL ENGINEERING**

**ENG 382**

**ASSIGNMENT V**

commandwindow

clear

clc

format short g

syms t kp td tp

v = kp\*(1-exp(-((t-td)/tp)))

mae = maedm('1587203818odefcdata', 'data1');

t1 = mae(:,1);

v = mae(:,2);

V1 = round(mae(900,2),1)

t2 = ones(length(v),1)

t = [t2 t1]

[maecof, maecof2, maecof3, maecof4, maecof5] = regress (v,t);

%maecof

%rsquaredvalue = maecof(1)

maecof

maecof5

kp = V1

td = -maecof(1)

tp = maecof(2)

plot(t,v(:,1));

grid on

grid minor

ade = mary(V,t,vf,ade2)

ade2 = [t2 t1 ]

Plot(t,ade)

