Ex2 partie1

clear all

close all

clc

r=10000

c=0.000001

num=[0 1]

den=[0 r\*c 1]

sys=tf(num,den)

figure(1)

step(sys)

figure(2)

bode(sys)





R=1k c 0.1micro





Ex2partie2

clear all

close all

clc

r1=1000

c1=10\*10^-9

num=[1]

den=[(r1\*c1)^2 2\*r1\*c1 1]

sys=tf(num,den)

figure(1)

step(sys)

p=roots(den)

figure(2)

bode(sys)

figure(3)

nyquist(sys)



