**OST EXP NO:-4**

Code

clc;

clear all;

t=0:1:2000;

y=wavread('C:\Users\djsce.student\Desktop\s1.wav')

sound(y)

[y,fs]=wavread('C:\Users\djsce.student\Desktop\s1.wav',[6000,8000])

n=length(y);

figure(1);

plot(t,y)

xlabel('No. of samples');

ylabel('amplitude');

y\_freq=fft(y);

k=0:2000;

figure(2);

plot((fs/2000\*k),abs(y\_freq));

xlabel('frequency');

ylabel('amplitude');

OUTPUT:



