clc;

clear all;

x=input("Enter sequence 1:");

y=input("Enter sequence 2:");

count=0;

for i=1:length(x)

if x(i)~=y(i)

count=count+1;

end

end

str=sprintf('Hamming distance:%d',count);

disp(str)

Enter sequence 1:[0 0 1 1 0 0 1]

Enter sequence 2:[1 1 0 0 1 1 1]

Hamming distance:6

clc

clear all

f=[240 254 302 320 358.5 380 451 470 470 451 380 358.5 320 302 254 240];

N=1:4000

fs=8000;

n=16;

temp=[]

for i=1:n

y=sin(2\*3.14\*(f(i)/fs)\*N)

temp=[temp y];

disp(temp);

end

sound(temp,fs)