convolutin

clc;

clear all;

close all;

n1 = input('Enter the first sequence');

x = length(n1);

N1 = 0:1:x-1;

subplot(3,1,1);

stem(N1,n1);

title('n1 sequence');

ylabel('amplitude');

xlabel('frequency');

display(n1);

n2 = input('Enter the second sequence');

y = length(n2);

N2 = 0:1:y-1;

subplot(3,1,2);

stem(N2,n2);

title('n2 sequence');

ylabel('amplitude');

xlabel('frequency');

display(n2);

p = conv(n1,n2);

N3 = 0:1:x+y-2;

subplot(3,1,3);

stem(p,N3);

title('convolution of 2 sequences');

ylabel('amplitude');

xlabel('frequency');

display(p);

