clc;

clear all;

close all;

x = input('Enter the first sequence: ')

h = input('Enter the second sequence: ')

length\_x = length(x);

length\_h = length(h);

n1 = 0:1:length\_x-1;

n2 = 0:1:length\_h-1;

subplot(131)

stem(n1,x)

title('First sequence')

subplot(132)

stem(n2,h)

title('second sequence');

y = conv(x,h)

n3 = 0:1:length\_x+length\_h-2

subplot(133)

stem(n3,y)

title('Convolution output')