AIM - To perform linear convolution and plot it’s sequence

clc;

clear all;

close all;

x= [1,1,2,3,1];

h= [0,1,1,0,2,1];

n= length(x)+ length(h) -1;

x = [x zeros(1, length(x))];

h = [h zeros(1, length(h))];

for i =1:n

output(i)=0;

for j=1:length(x)

if (i-j+1>0)

output(i) = output(i) + x(j)\*h(i-j+1)

end

end

end

xlabel("[n]");

ylabel("Amplitude");

title("Convolved Sinal");

stem(output);

