Convolution

clc;

clear;

x = [1,2,3,4];

h = [1,2,3,4,5];

len\_x = length(x);

len\_h = length(h);

len\_y = len\_x + len\_h - 1;

y = [];

for k = 1:len\_y

count = 0;

for j = max(1,k+1-len\_h):min(k,len\_x)

count = count + x(j)\*h(k-j+1);

end

y(k) = count;

end

disp(y);