signal1= input("Enter input signal array:");

signal2= input("Enter impulse response array");

signal3=conv(signal1, signal2);

signal4=cconv(signal1, signal2);

subplot(4,1,1);

stem(signal1);

title("signal1");

subplot(4,1,2);

stem(signal2);

title("signal2");

subplot(4,1,3);

stem(signal3);

title("LINEAR CONVOLUTION of signal1 and signal2 using prebuilt function");

subplot(4,1,4);

stem(signal4);

title("CIRCULAR CONVOLUTION of signal1 and signal2 using user defined function");