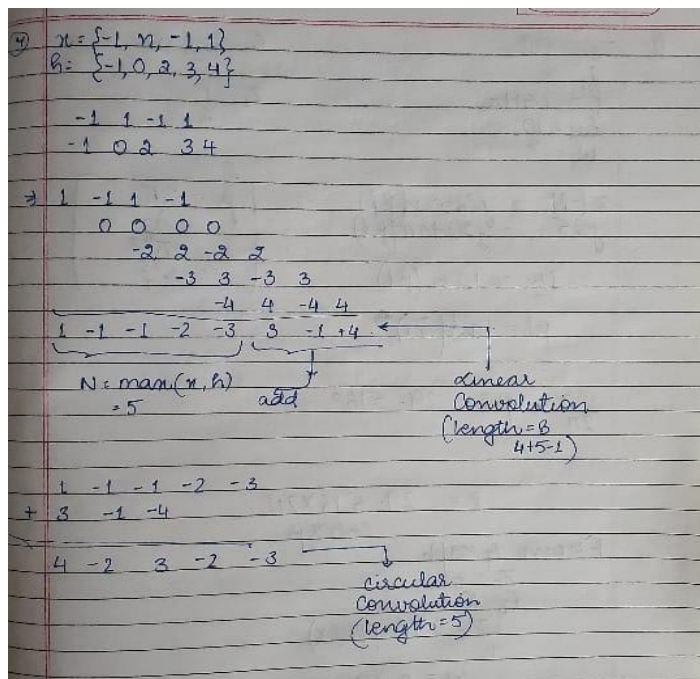
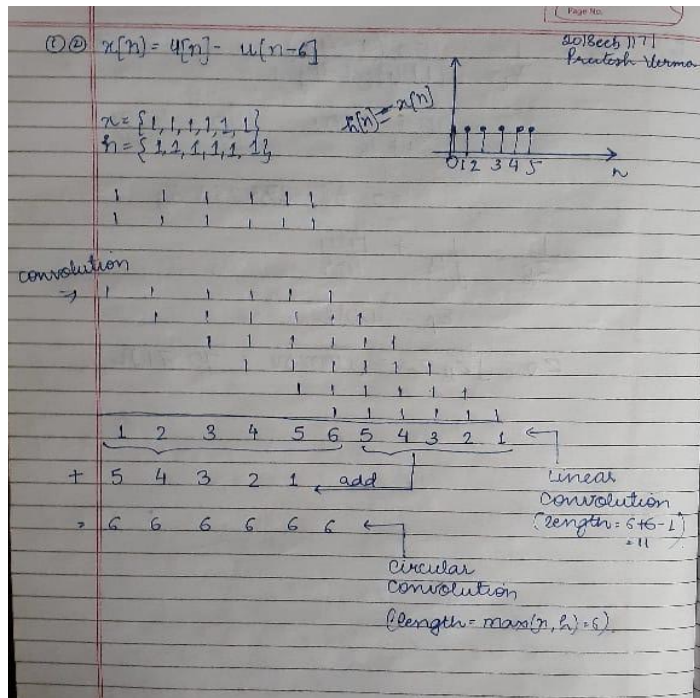


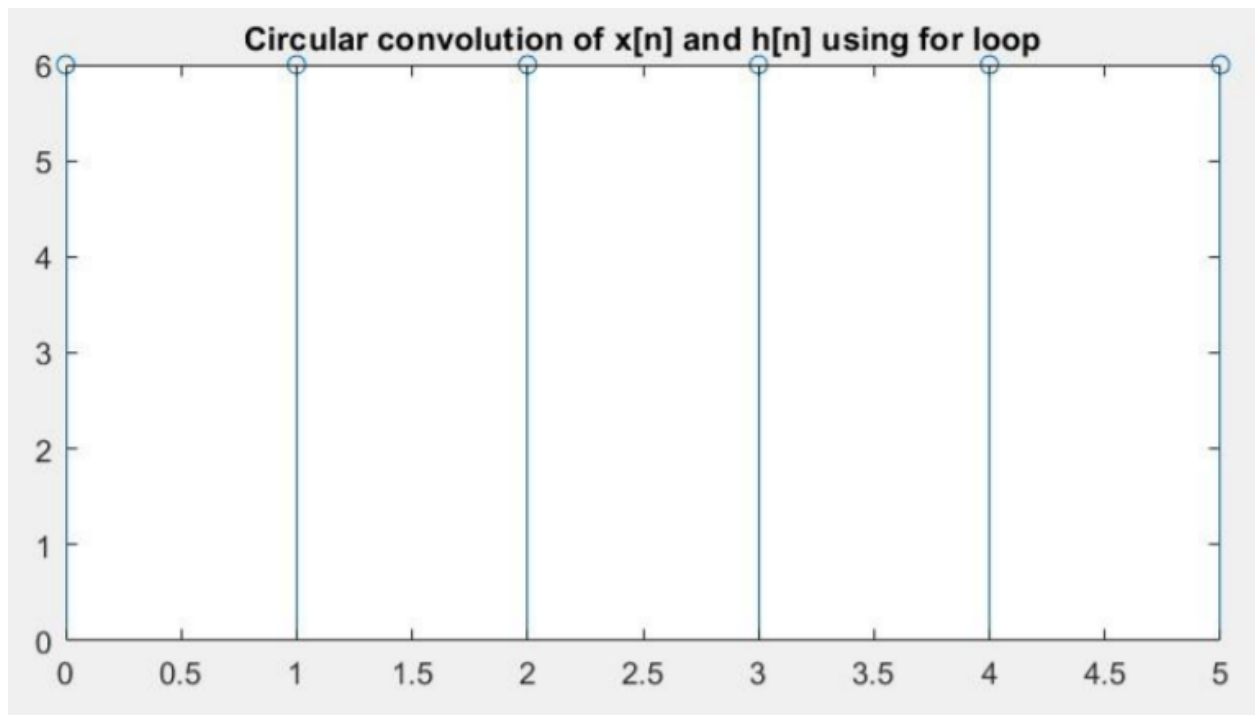
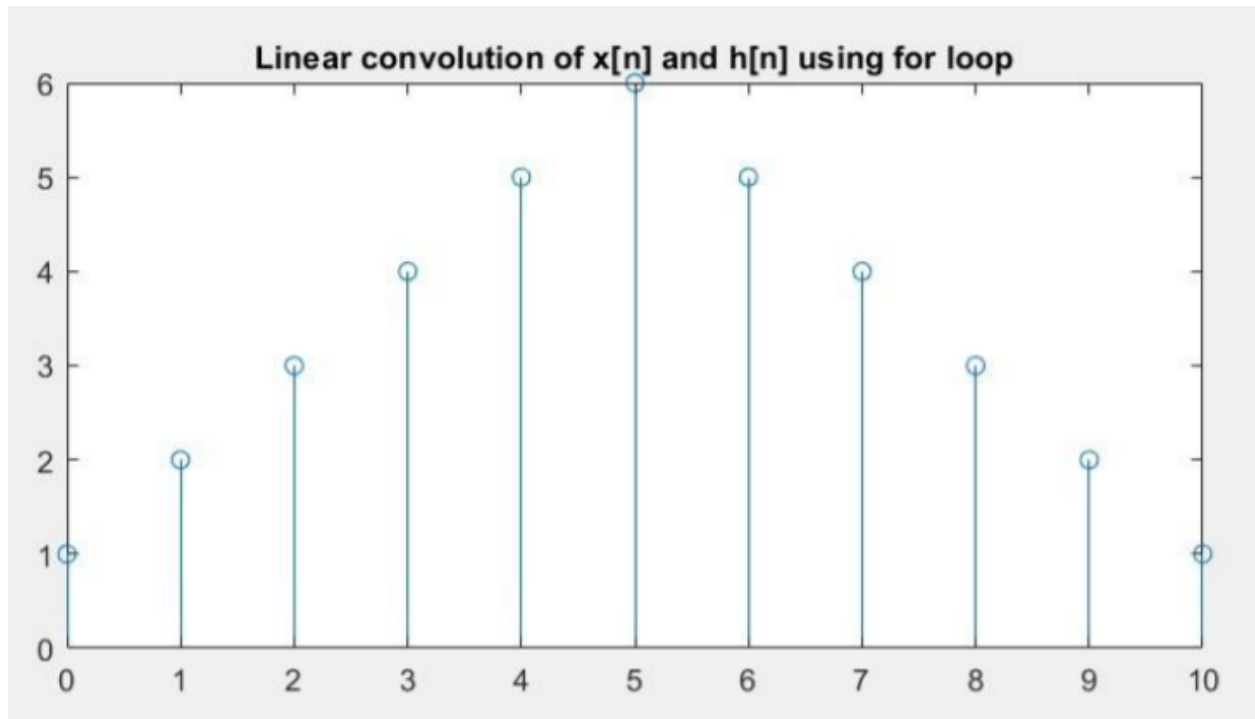
Communication Assignment 3 and 4

Theory Solution for the first two parts



Linear convolution is a mathematical operation done to calculate the output of any Linear-Time Invariant (LTI) system given its input and impulse response. Circular convolution is essentially the same process as linear convolution. However, in circular convolution, the signals are all periodic.

OBSERVATION



In Linear convolution output is first it is linearly increasing and then linearly decreasing
On the other hand in circularly convoluting all get an equal value of 6.