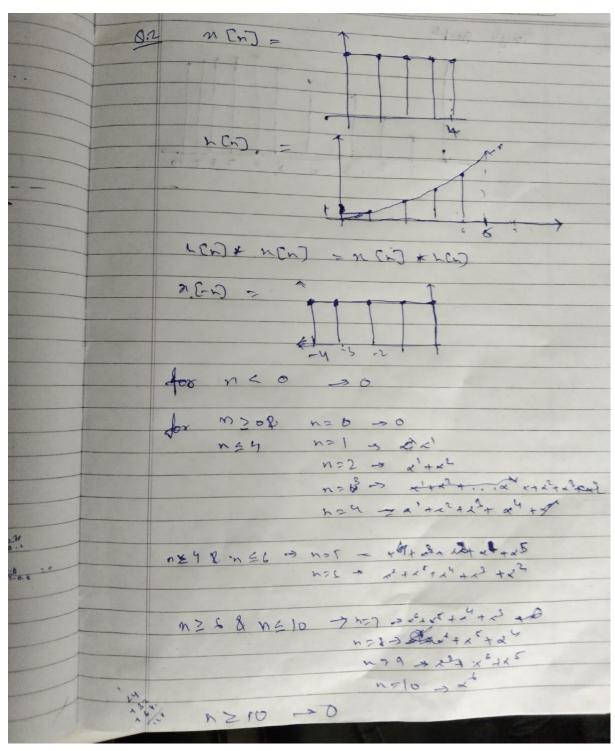
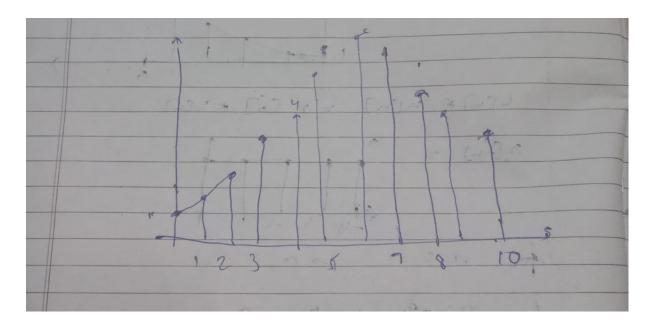


In qs 1 as told our range of study is from -10 to 10 so i have only plotted a graph between -10 to+10. Also for h[n] n starts from 0 and lands till 20 showing about the convolution that it starts from 0 then in start increases its value then its increase becomes small so it tells about each characteristic of convolution



A small error at n=0 ans is 1



In qs 2 as range is not told i am plotting signal from -10 to 20 so i have only plotted graph between -10 to+10. Also for h[n] n plots starts from 0 and lands till 20 showing about the convolution that it starts from 0 then in start increases its value till n=6 then its decreases till n=10 becomes small and afterwards for n=11 it becomes so it tells about each characteristic of convolution. In this i am taking user input for alpha in plotting both the graph x[n] and y[n]

If i had chose alpha it would be 2 for values below 2 we cannot see the exponential effect of graph for values above 2 ex a=3, even 3^6 becomes very large number so it becomes difficult for user to study the plots of graph so in my point of view appropriate value is 2

