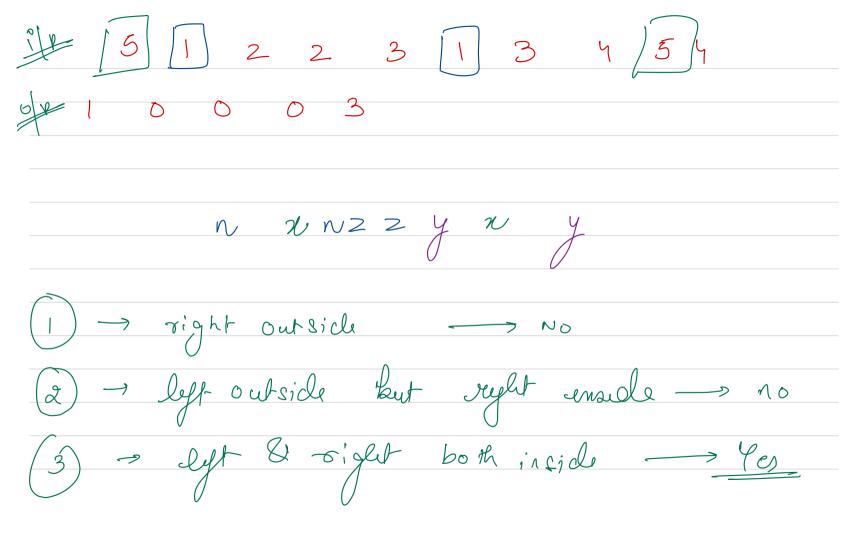
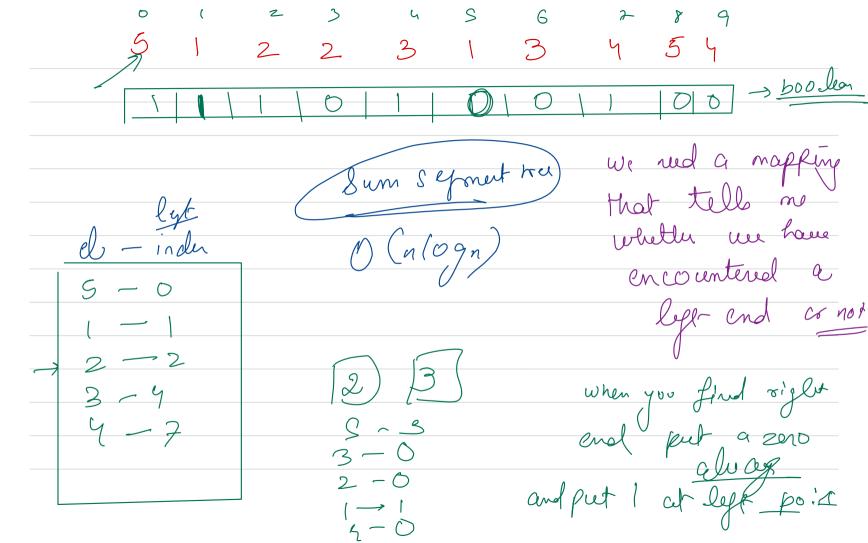
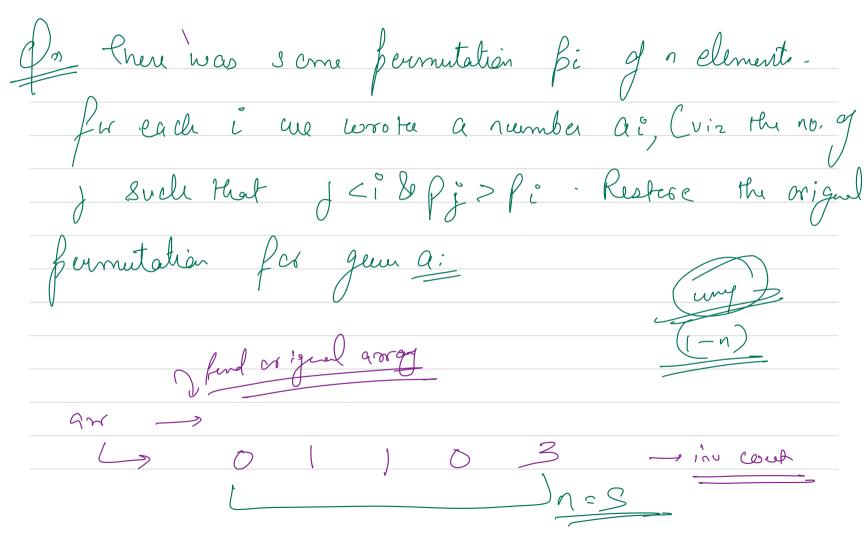
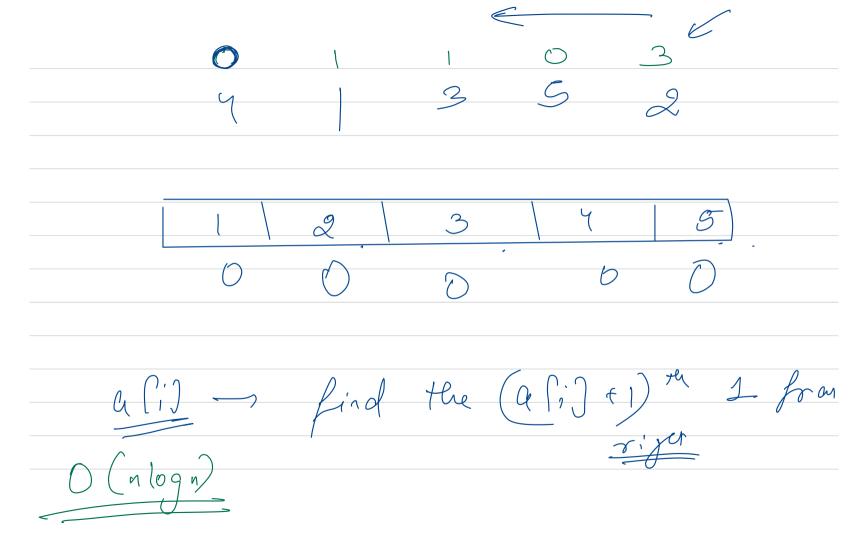
Ouven an array of 2n numbers, each no. from I to n is enactly twice. We say that the segment y is rested inside a segment n if both of the occurences of y are between the occurrences of x. For each Sepnent i, how many rested Sepnents are there?? $\frac{15}{5}$ 1 2 2 3 1 3 4 $\frac{15}{4}$ -> 1 0 0 0 3

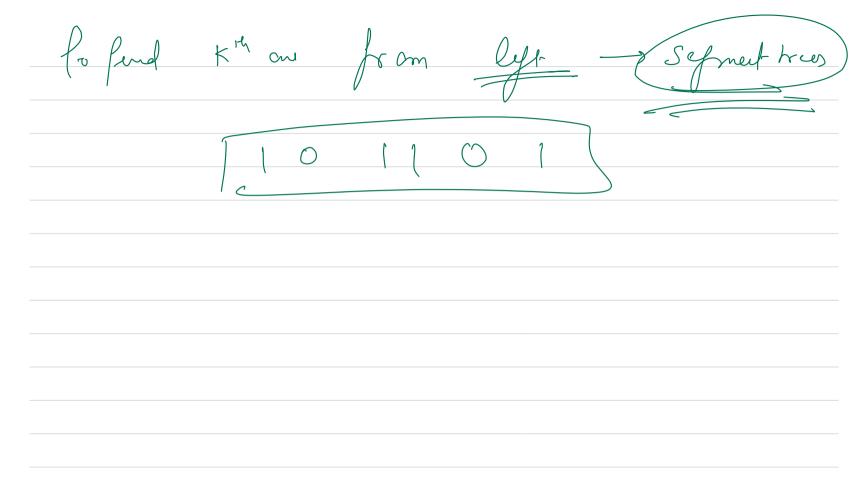


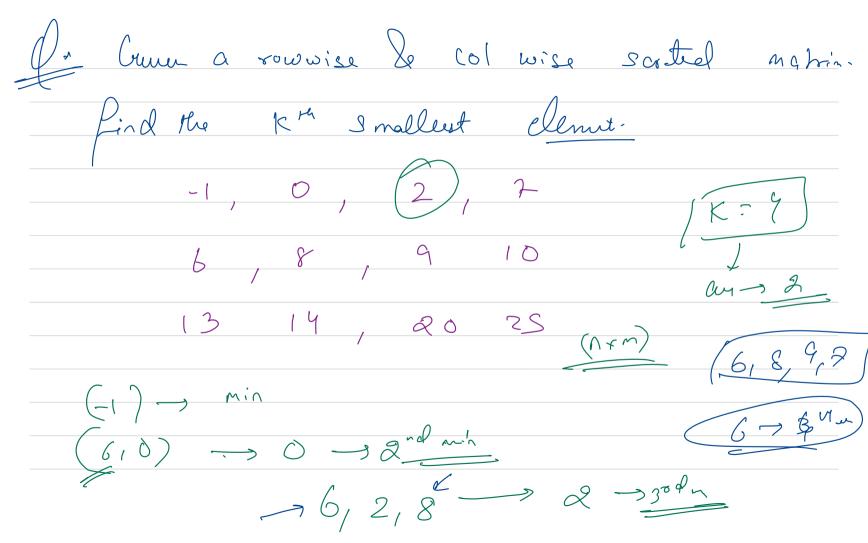


(1) if we have not encountered the vight point, me keep the value O in Bin corray 2) When we encounter right end, we feet O for oright be I for left. Why? Those can be a case that for some segment 1, me ham riget point inside a best left outside

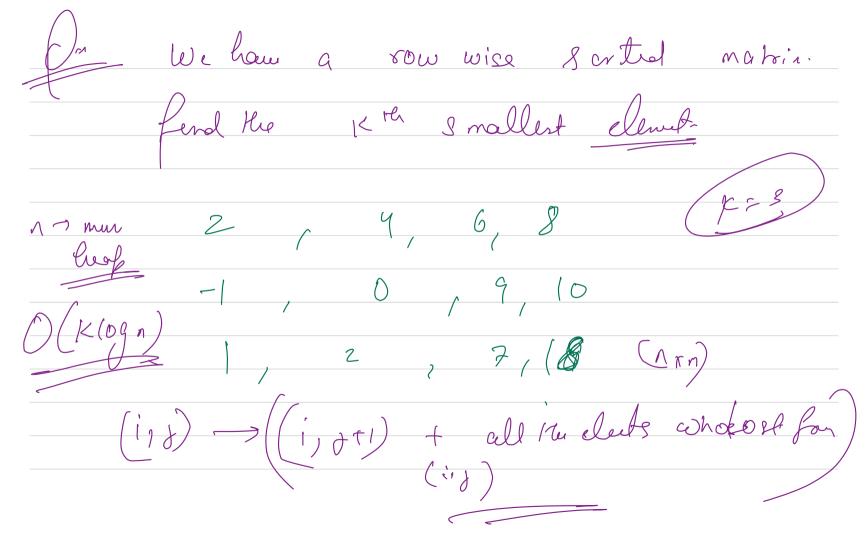


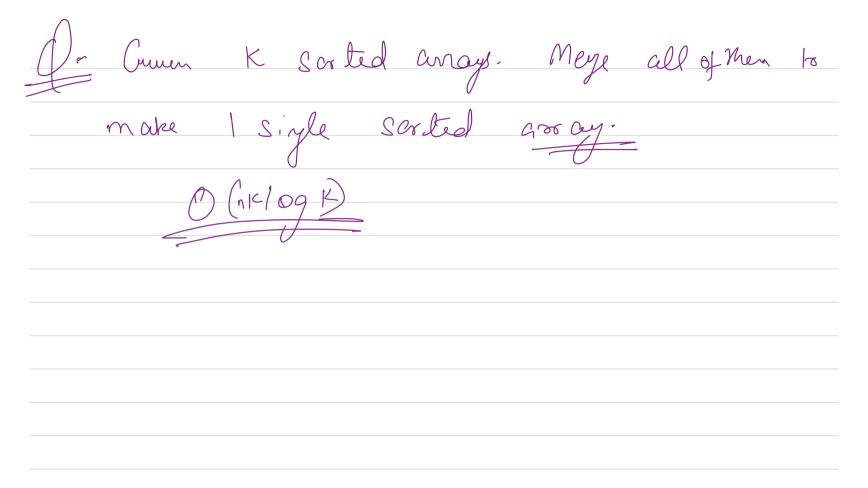






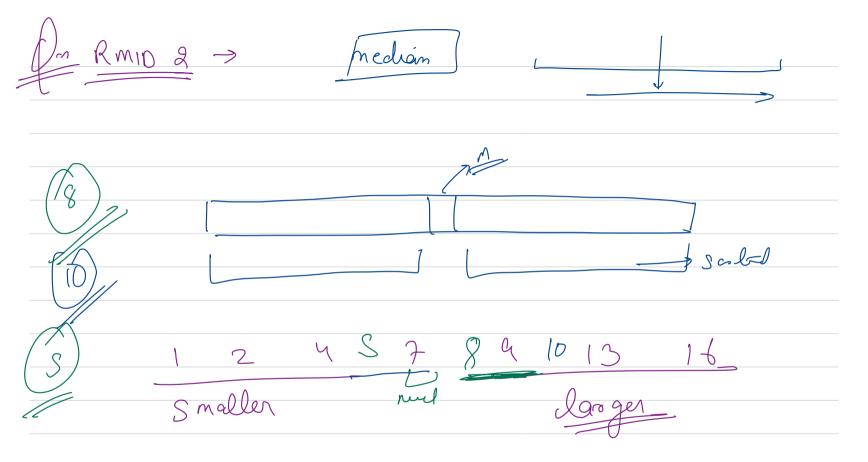
By elfeatif son 1-1+2 == 16





Dr Comman integer array & q rumber k. We can
do an operation to modify any cloud of to - N. We need to do this greater K time. find the max 8cem of cleruts that we can get after x operation 9,8,8,-5 an + 20 K=3 (20)

> 9, -8, 8, 5 nlogn) If min -> 10 988-5



lage Zheghs
mur hap Smaller man heaf [12B] 4 S / Smaller heap larger heap 1 d = = y +1 - med -> larget focus min heep

2 d = = y +1 - med -> larget focus min heep

max hearb min her Smaller