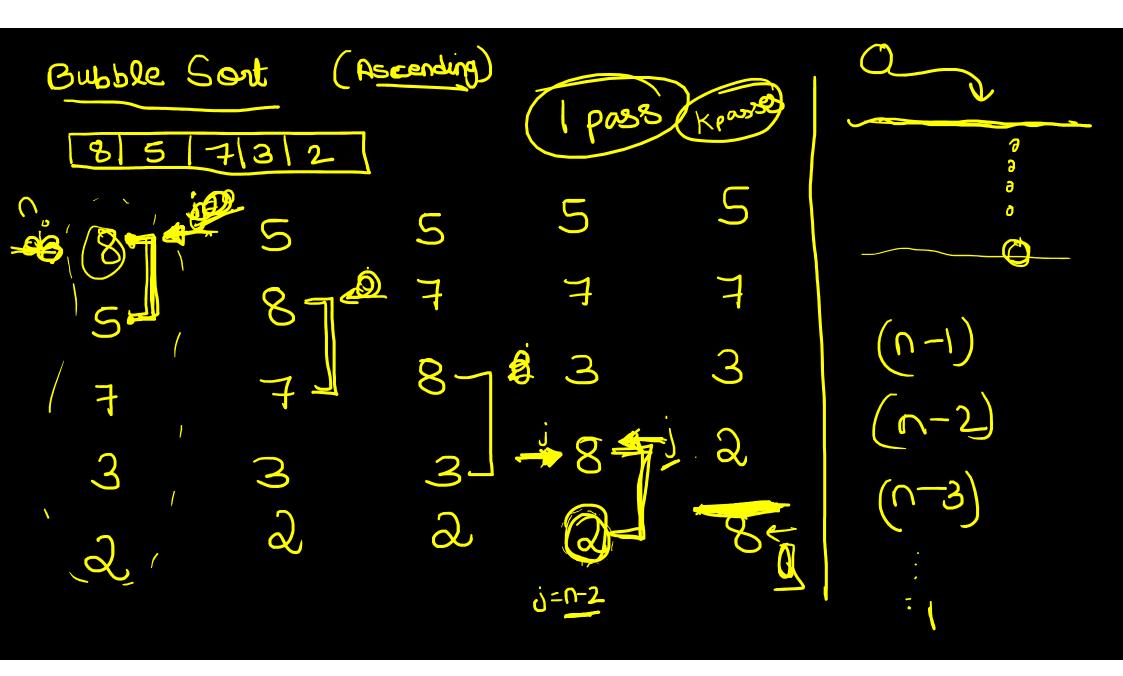
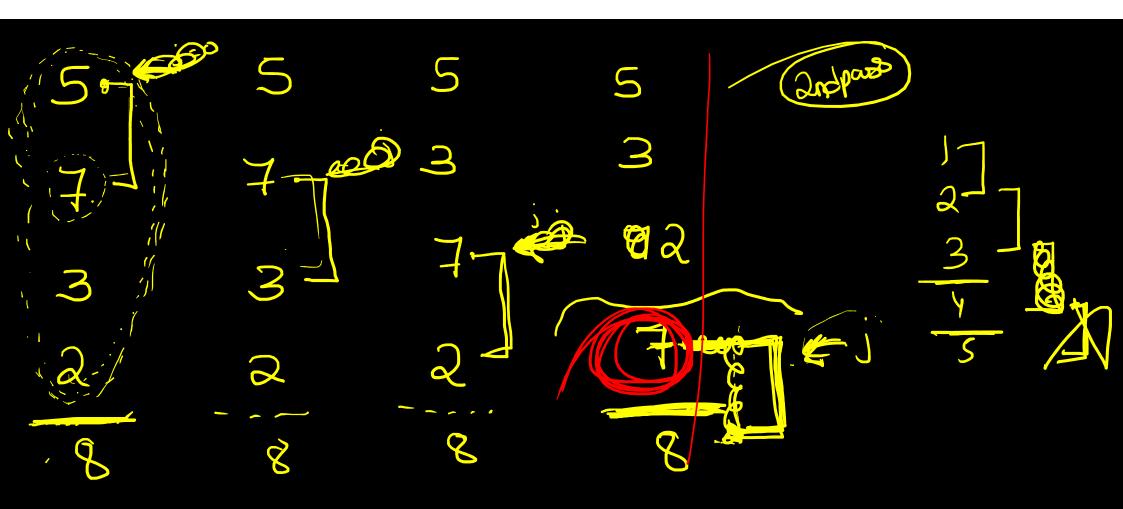
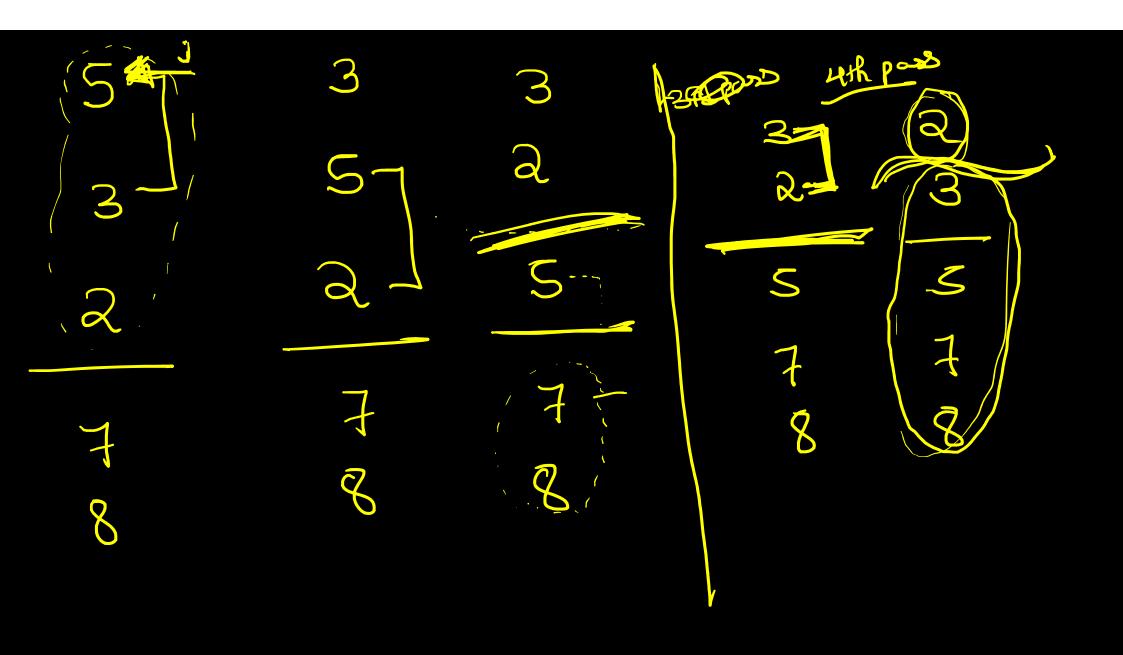
Ordering Descending Ascending (Non-increasing) (Non-decreasing Strictly decreasing 7 6 433 2 → 7 6 4 6 anli

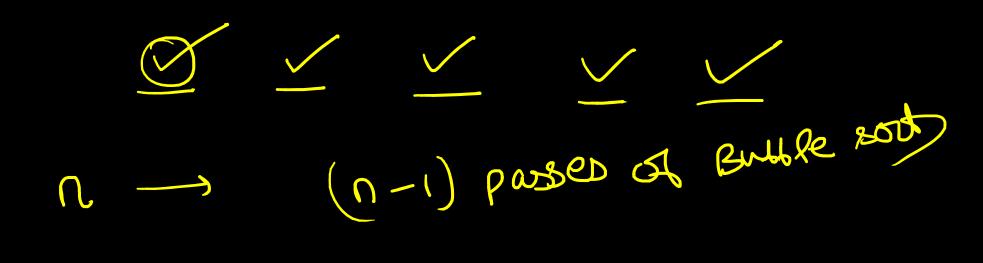
Sont

Sorting? T.C. J









 $\frac{1}{1+2+3}\dots(n-1)$ = n(n-1)

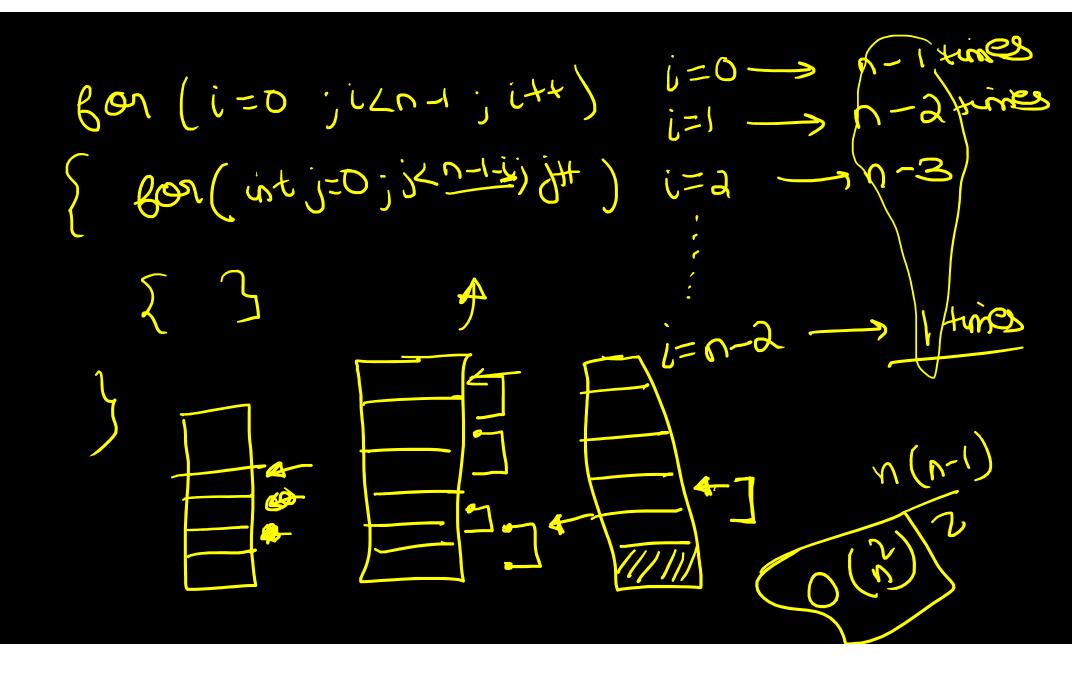
- n-1 times for (int i=0; i<n-1; i++)

{ -> ith poss of mobble sort h-2 Ber (int j=0; j<n-1-i; j+t) if (ann []] > ann [jH]) swap (arrsij, arrsjtl]);

1=2

n-1-0

for (int i=1; i < = n-1; i++) $j=0 \rightarrow 1-2$ // ith pass of bubbine sort Bon(int j=9:jd<n-i:jtt)



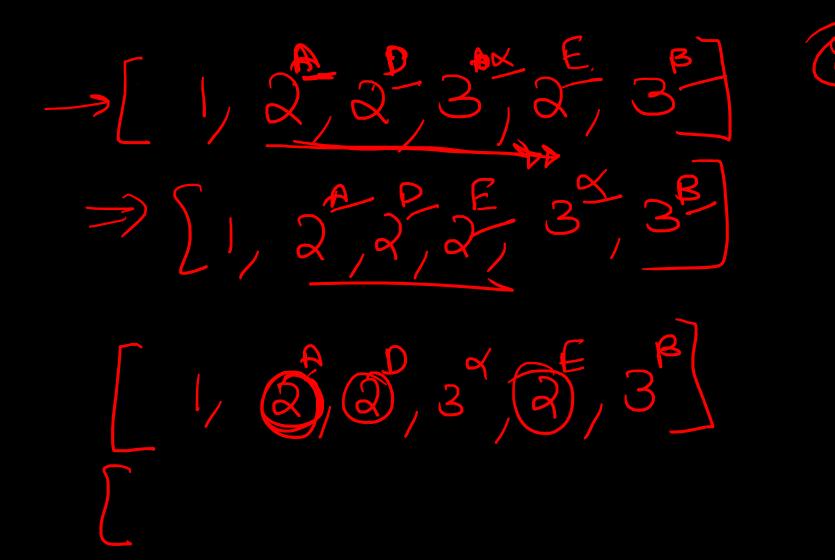
 $\frac{10(n^2)}{0(1)}$ $\frac{n(n-1)}{2}$

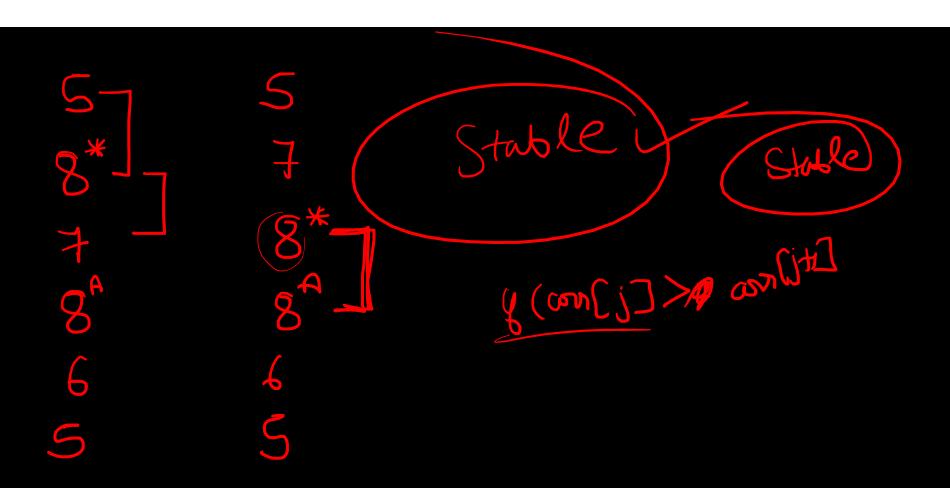
Find along

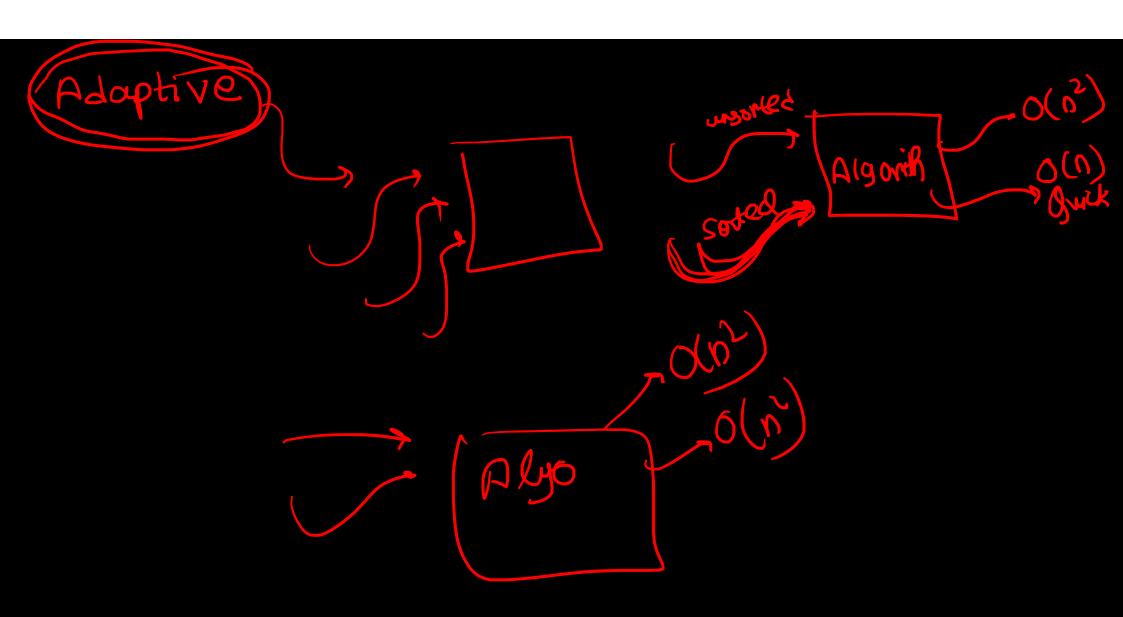
DFind K of largest ann[n-k]

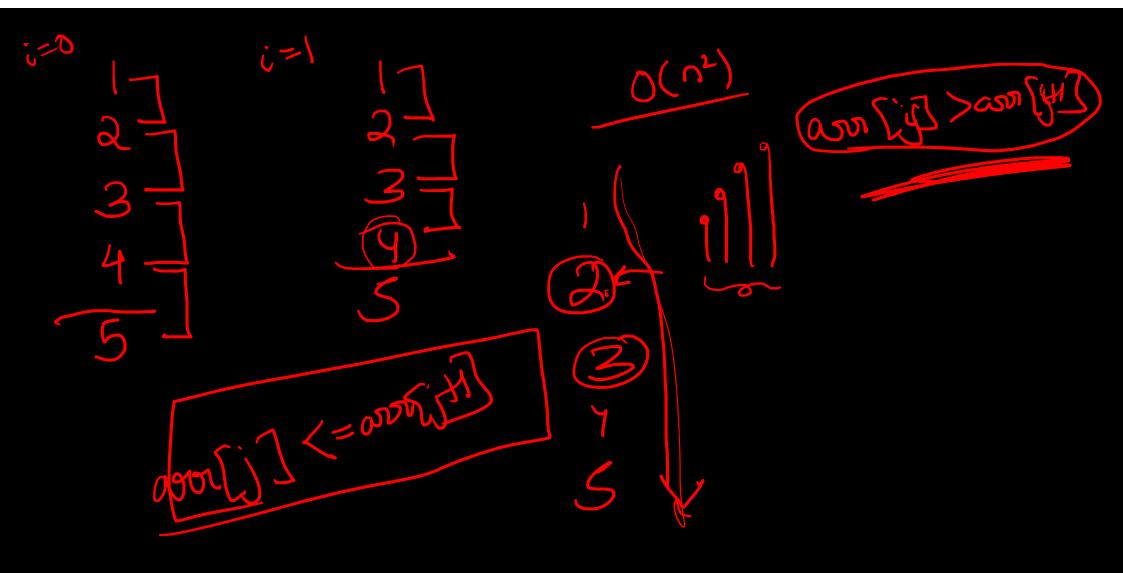
Stalle [1, 2, 8, 7, 8] 1,2,7,8,8

A,B (B,A)









Somed O(A)

Somed O(A)

8 8

- 2 3 3 5 -- 2 3 5 -- 2 3 5 -