Sliding Window Dus Max of every & size window

10,2,1,5,3,8,4,7,9

k=4)

10,5,8,8,8,9

R==E-3+1

k = 4

Ques som of every le sized subcaray 10,2,1,5,3,8,4,7,9 13,8,9,16,15,19,20 0+1+2 0,1,12,3,4 1+2+3 1,2,4,4,3 2 13 +4

(1) First window completely analysed

(2) Sliding 3 S++
R++

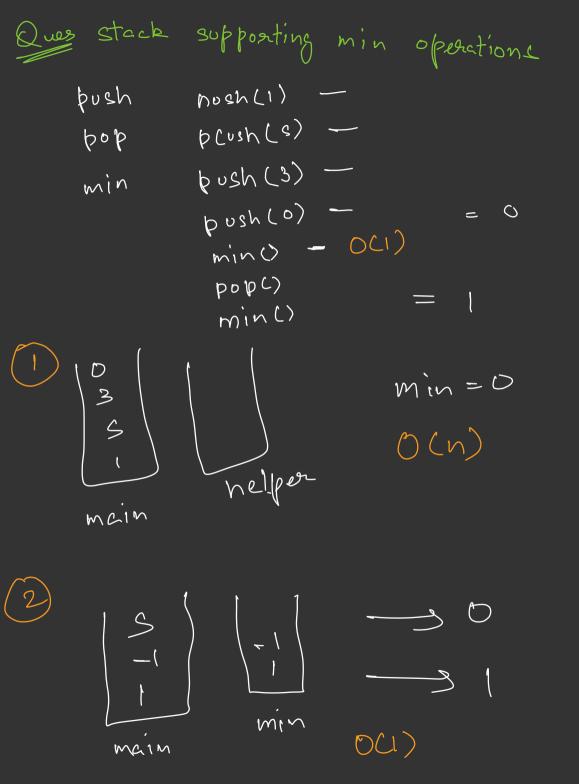
(3) Ans e-s+1==2 > complete

(4) Stop when e = =a.length.

S=0, R=0; Sum=0; While (e < a. length) } sum + = a[e]; // Work 18(e-s+1 < k) { e++; // complete window elea if (e-S+1 == E) { 11 answer Syso(sum); 11 eramove peravious computation Sum = sum - a[s]; 11 slide window 37+; ヒナナラ

Time 3 O(n)

Ques First negative of every window S 4 - 1 3 7 9 12 - S, -2, 8 - 6 1-1(-5)-2[-6] p= abcd e b g c a d b c a e



100 B tanget sum Quadraple 1 13 8 3 9 6 9 11 P=24 Jogn () O(n4) Roge for gon 33 33 33

1) Sort nlogn

A TT T O(n×n ×n) + O(n 29n) TO(n3)

poise = 0 (n Rogn)
Caiplet > 0 (n²)
Coiplet > 0 (n²)