

17

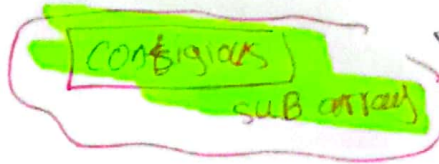
112345 = subsequence

1123 = subarray

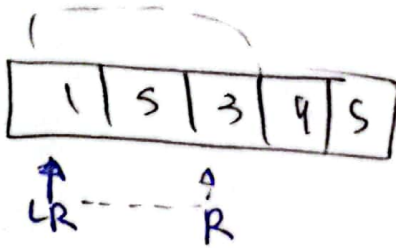
1 2 3 4 5 --

Slide window

Slide window \Leftarrow



لو الـ window



2 pointers \rightarrow L, R

cost \rightarrow \leftarrow cost of condition 9
R is moving

Slide window + deque

Q]

array = [1, 3, -1, -3, 5, 3, 6, 7] $k=3$

output = 3, 3, 5, 5, 6, 7

عالبه كذا يطلع
max ايبه

for $i \rightarrow k$

if empty \Rightarrow push

else if $[i] > \text{back}$

remove back

~~push-back~~

for $i = k \rightarrow n$

if $(\text{left} == \text{front}) \Rightarrow \text{pop}$

if $([i] > \text{back}) \Rightarrow \text{rm back}$

push-back

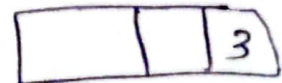
sol

deque



{ deque مع اولوية
priority queue

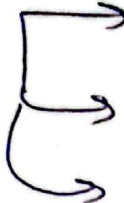
لب الجزء اعلى
pop-front, back



push في الـ deque

Monotonic Deque

2]

Sliding window +  map
priority queue
sequence

Slide window  2P
4P