Frefix Soms

for each gury, calculate the sun of all chaments

for each group, calculate the sun of all chaments

in the index range [L,R] [L,R]

OC=L <= R < N

A: -3 6 2 9 5 2 8 -3 3 1

LR	Sun
48	9
6 5	3
0 4	14
77	-9

1 as of this guy -s sum

990000 $10^{5.10^{5}}$ 10^{9} $10^{5.10^{5}}$

$$|z| = \sqrt{2} |z|$$
 $|z| = \sqrt{2} |z|$
 $|z| = \sqrt{2} |z|$

O given the score of the first 10 orans of butting! After every over, current score - given

Overs: 1 2 3 4 5 6 7 8 9 10 Store: 2 8 14 29 31 49 65 79 88 97

() Total ours sweed in the 10th over? [10, 10] 97-88-9/

_ lest 5 overs ? [6,10] = 5[10] - 5[5] s 57->1 = 66/

(3,6) = S[6] - S(2) = 45-8 = 41

Score (L, R) = S[R] - S[L-1]

$$// A(N);$$

int $PS[N]:$
 $PS[0] = A[0];$
 $f(i=1; i \times g; i++) f$
 $f(i=1; i \times g; i++) f$
 $f(i=1; i \times g; i++) f$
 $f(i=0)$
 $Sum = PS[R]$
 $Sum = PS[R]$
 $Sum = PS[R]$
 $Sum = PS[R] O(N)$
 $Sum = PS[R] O($

WAY 1 (BF) WAY 2 (PS) TC: 0(g.N) Tc: O(q+~) 5C: O(N) SC: 0(1) time: 100 xw TLE

sc: 12B

tim: 2 ms SC: NHOOKS

Eguilbriun Inden (EI) Given a orray of N elements. Count the no. of Equilibrium Inden(GI). EI - if som of all elements before it = sum of all elements after it!

$$f(i=0) \ i < N j \ irrr$$

$$f(i=0) \ i < N j \ irrr$$

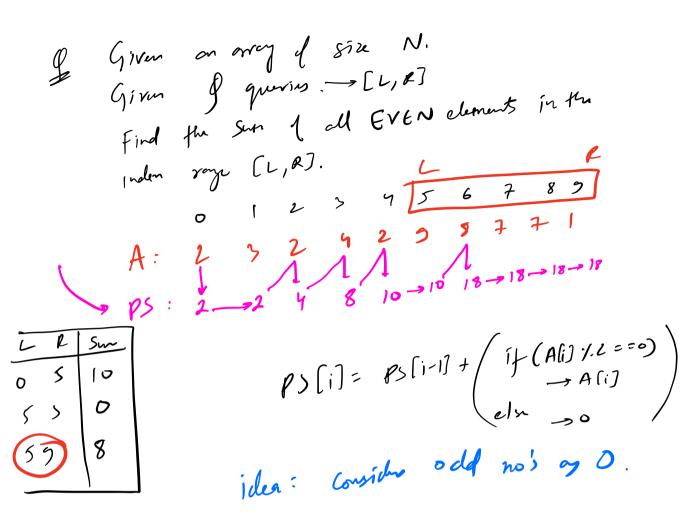
$$f(j=0) \ j < i-1 j \ j+rr$$

$$f(j=$$

$$TC = d(N) + o(N)$$

$$TC = d(N) + o(N)$$

$$SC = o(N)$$



TC: 0(N+9)

		\sim		i			₹
A		2	3	9	5	チ	
ı	4	7	6	3	5	7	
\							