British.

Convider all Subarrugs

1) all Subarrugs -> N2

11) Sum -> N

TO D ( N3)

 $\omega$ clements kun of all clements negative : elemento Ore all 中 Choose the magin element elements boundaries are 91 poritive negative sum of all por have poddine for work & Sum Candidok

-12 8 12 21 -3 & 40 6 5 15 17 7 ×50 8 20 41 18 11 kum = 0 18 18 do 41 18 18 81 m2 1N1-١1 18 MIN

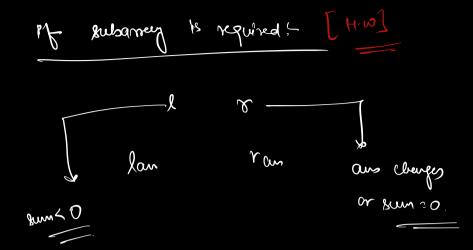
Cus = 44 Ofp

Sum:0 -20 10 -12 6 5 -3 8 9

Sum:0 -20 10 20 6 11 8 16 25

Ous:1NF.MIN -20 10 10 11 11 16 25

Sum 20



12. Beggar 5 outride kuple

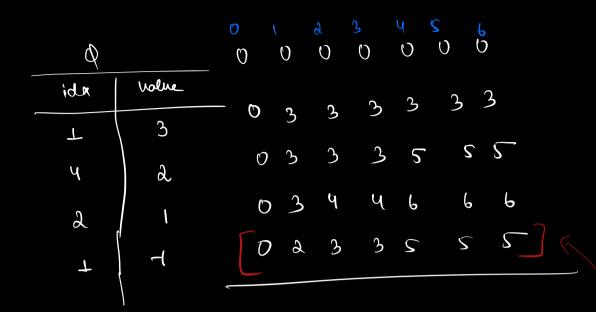
the 'value' to all indepes from 'idex' till end Return the final orn

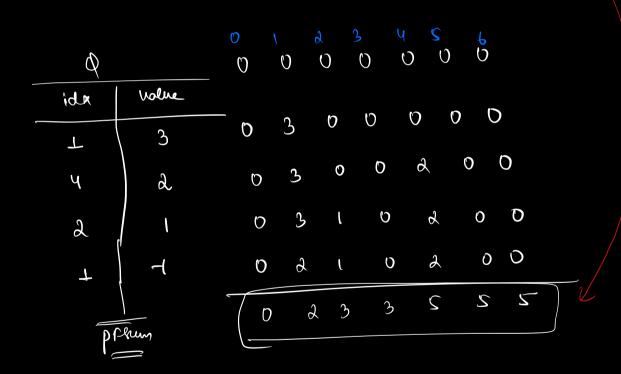
Q		0 0 0 0 0 0 6
ida	volve	- o <sub>3</sub> 3 3 3 3 3
L	3	
Ч	a	
J	\ \	0344666
7		D & 3 3 5 5 5

Book John

for each query, Herak 2 update the

M = O(NKQ)

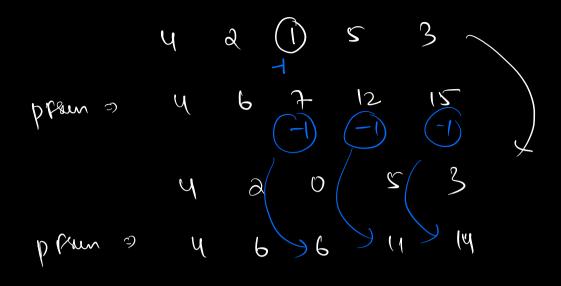




N

Ilevel on 2

$$\frac{1}{3}$$
  $\frac{1}{3}$   $\frac{1}$ 



Prevdo

for (1=0; 1<0; 14+) }

am[start] = am[start] p value;

1/ ( end < M-1) }

amtendaij = amtendaij - value;

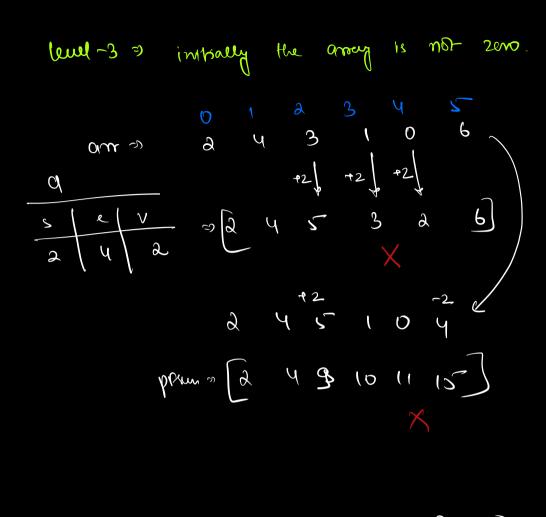
3

5

1 psepa sum

brak of Jums

8:59m/ST



1) Create a separate antill, will zeroes

11) Some the O's array for given queries \_\_\_\_ pfsum

111) add teat array with ilp array

0 0 0 0 0 2 3 2 S  ${\color{red}\mathcal{O}}$ P26 -2 O 0 2 0 0 0 2 2 0 0 prem on 3 4 2 4 3 4 5 2 6 5 4 6 5  $\bigcirc$ 2 3 4 3 ١ જ 6 6 4 ( 5 5 9 7 9 Ors 0 0 0 0 0 0 0 7

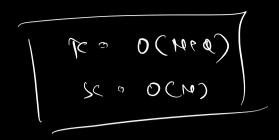
D

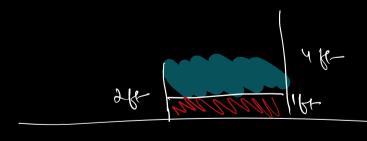
**e** 3

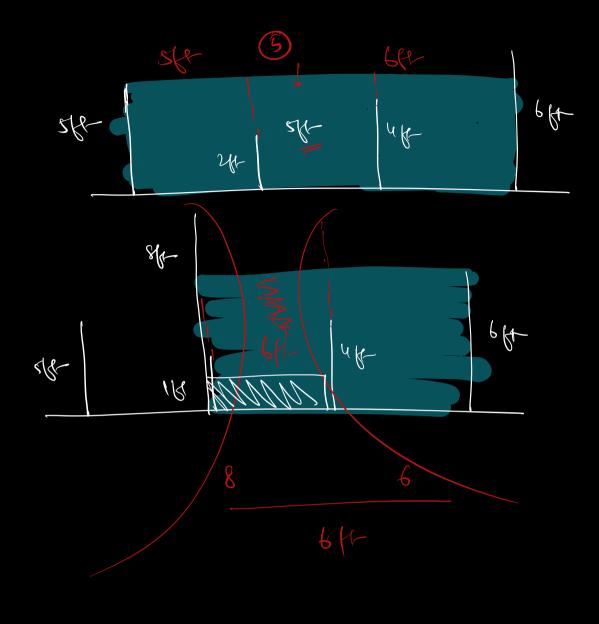
42

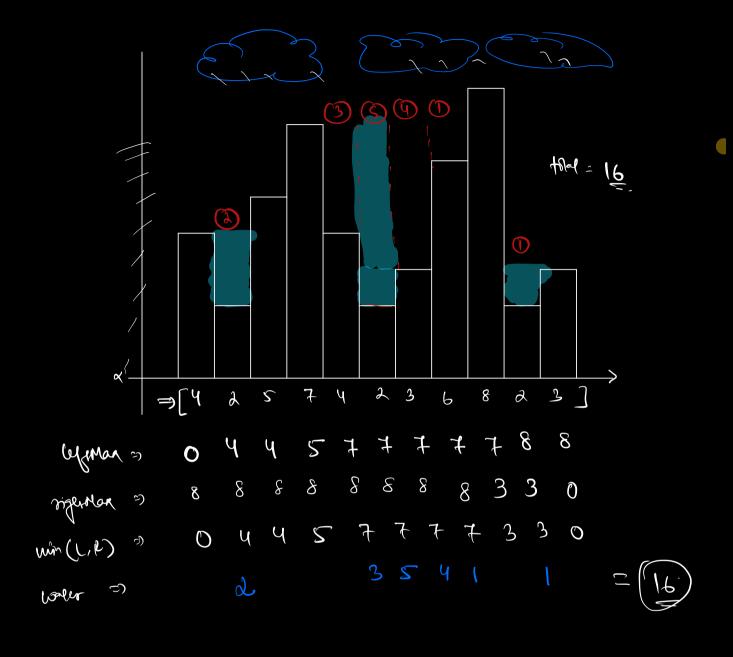
O

2









SC = OCN)

O(1) - Two printers