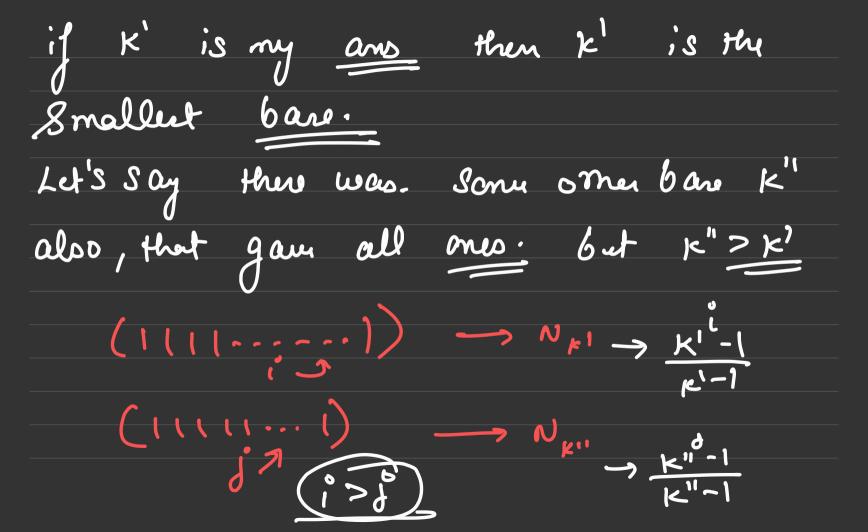
You need to find the smallest 'K' Such that NK gives the result as all 1×3+1×9+3×1

- Try to think in ---- |xk+ |xk + |xk0



Actually we need to find a base
that gues me the largest number of 1's How may ones we can have cot mar. for oy k M210¹⁸ -> max our well own well min k.

mils value of k can be 2. > 0 (109 2N)

We have the range of one > [1,63] for any value : & [1,63] (55) K -> min -> o2

May -> N-1 K-1 = N) K:1 >N

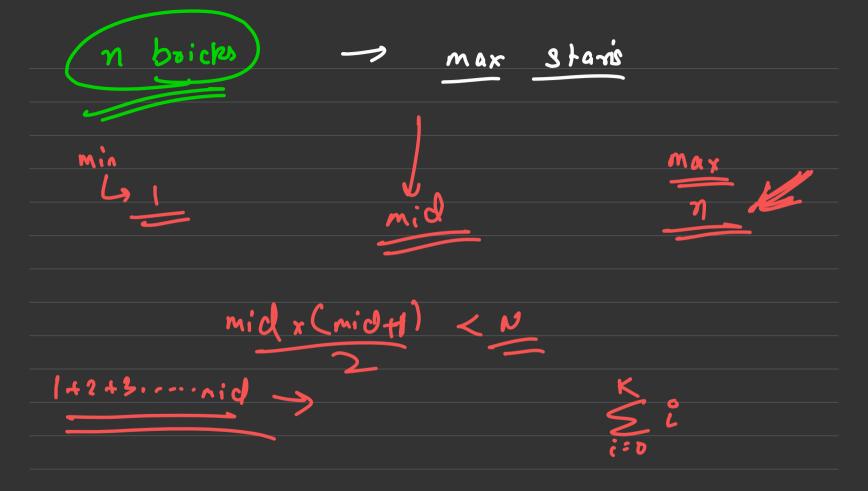
Maronn - O (109 ()(63×(05 m) = N mid hi = mid -1 1 (0 a midal

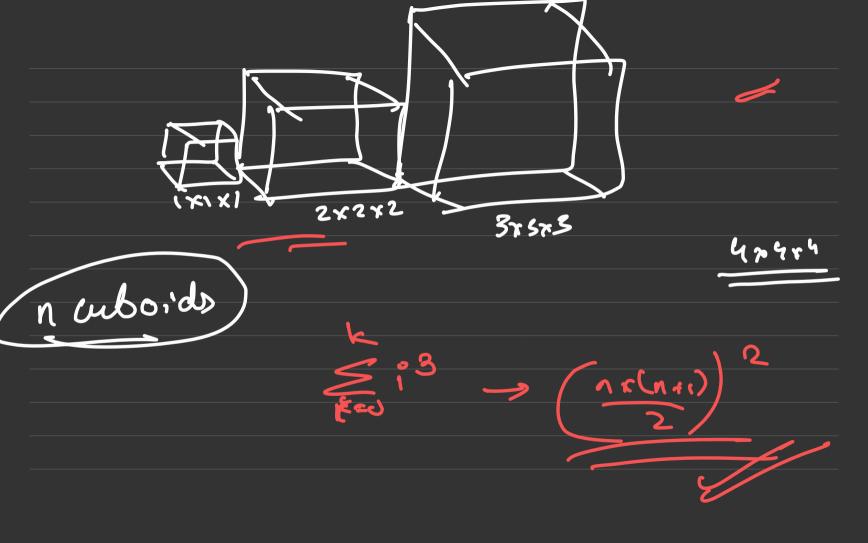
have clements rangery jour 1 to N7 only. that means any one element is repeated. Perd the cullprit [12344]nos ano 2 4

TTTFFFFFF [123345678] C-cl 012345128 eidt

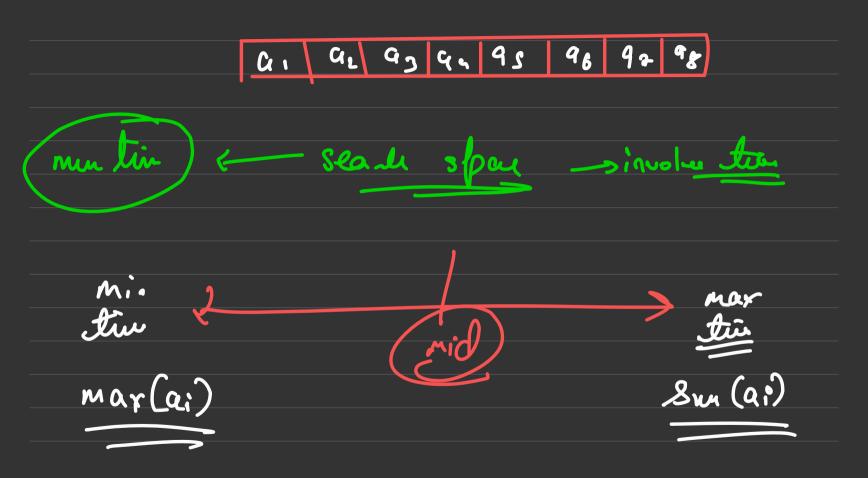
are [mid] == mid his mid 7 an [mid] == mid-1 10 = mid +1

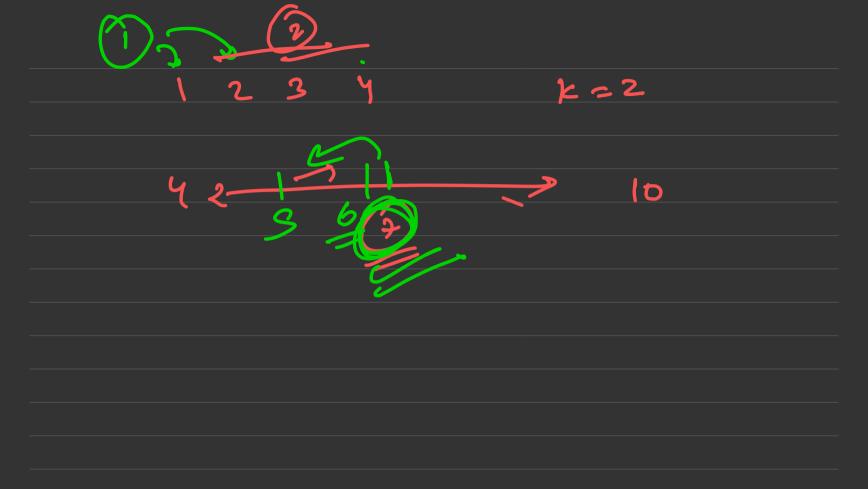
n You au gem n bricks (IXI) · find Humax stair case slep you can nake nay thus n boick.





There are K painters and carl take lunt time to peur lunt board. Cum the Construint that one paints only paints Continuous Section of bounds fend the minimum time regd to paint ru [1,2,3,7] K=2 Bouds. ans- 6





of 1xm demeser (arre 1xm is odd)

find median of the matrix elements. 2 6 9 2 6 9 (ARM) - S 1 2 33 (3) 6 6 9 9

