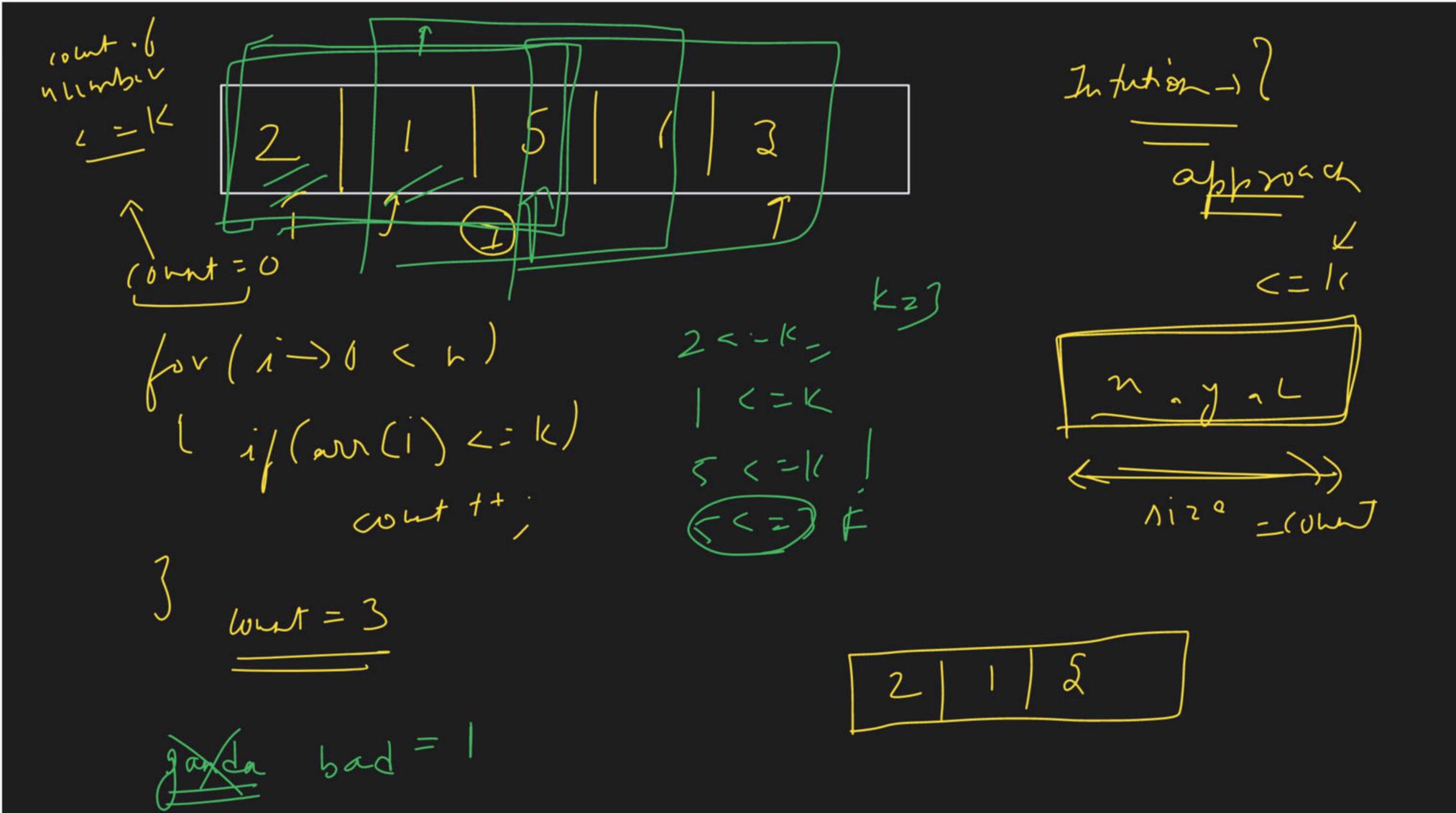
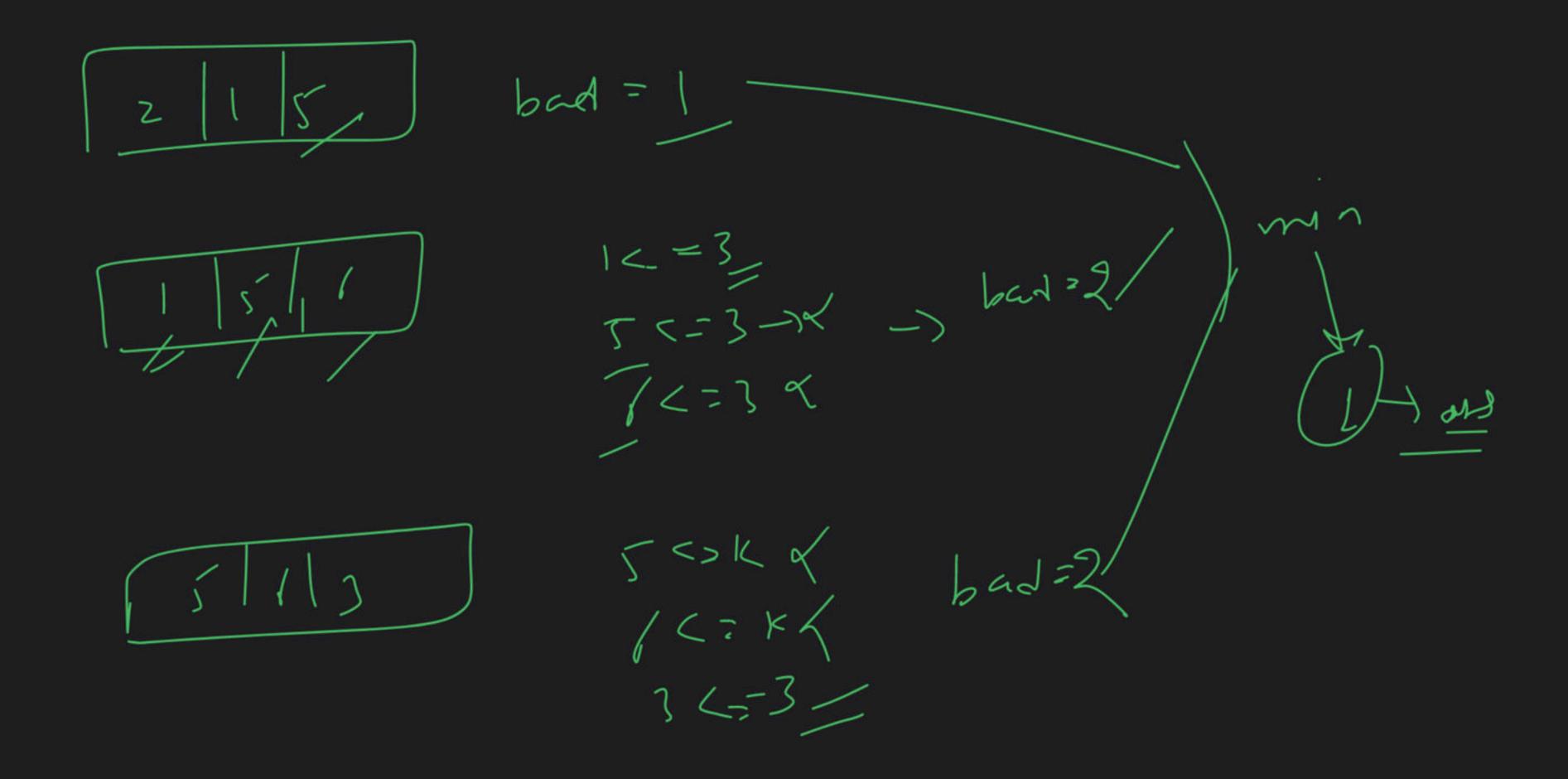


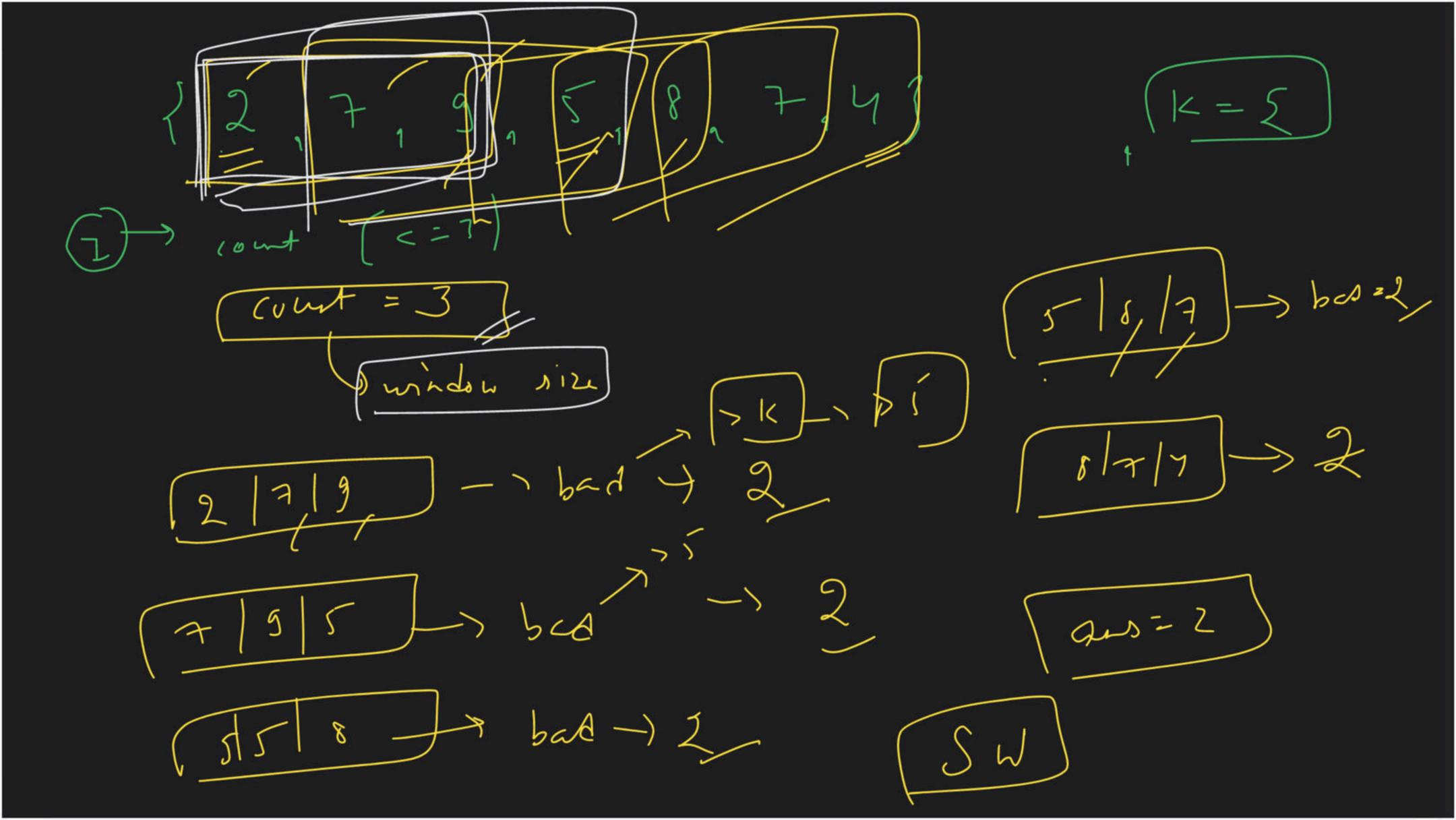
Foundation Course on Data Structures & Algorithm - III

8-) 3 Question -> Doubts:shipped to Shubbarn Monday arrey =) D'hard W OY ND

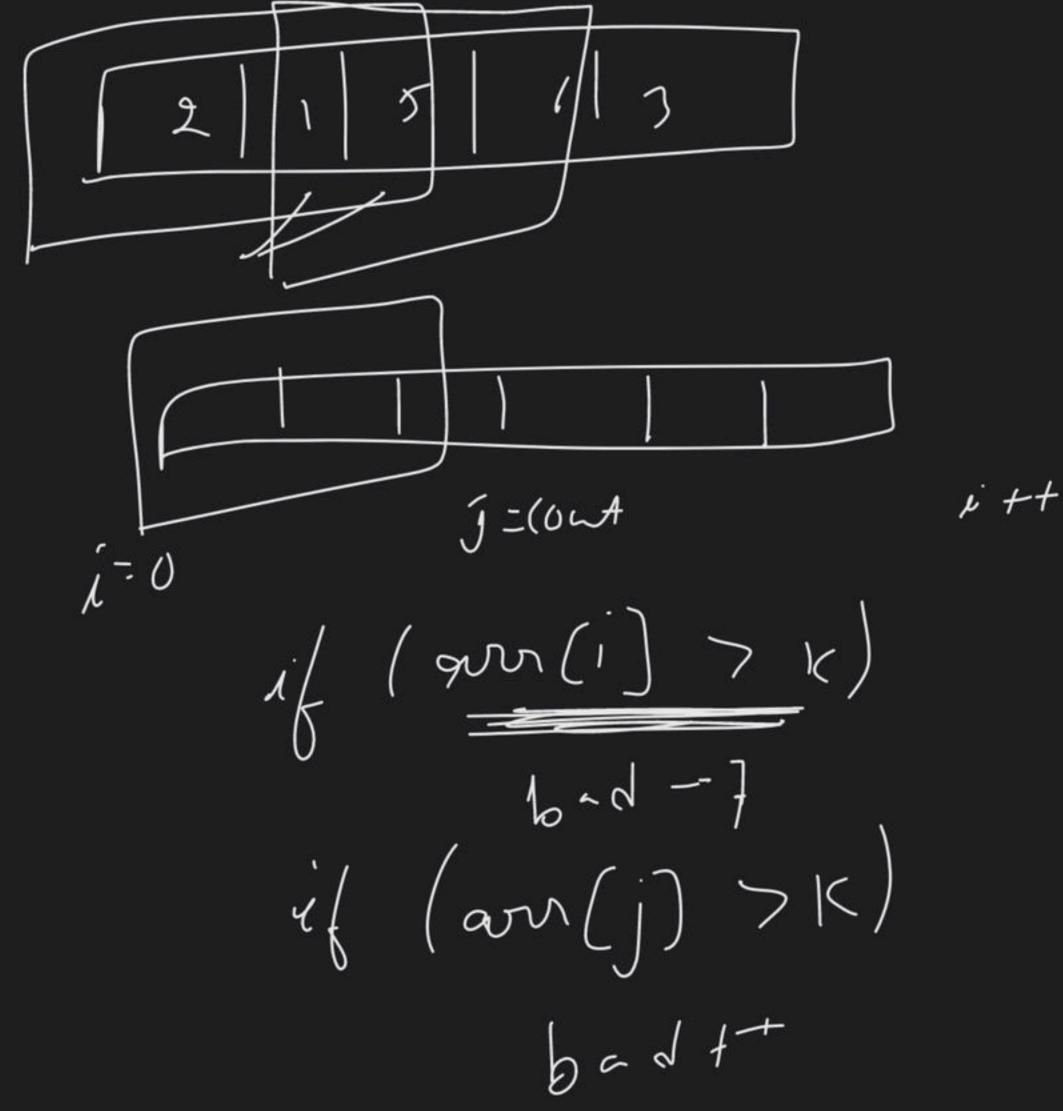
Any 11D Anney Downt Min swaps required to group (Z=K) element to grown $\frac{1}{1}$ $\frac{1}{2}$ $\frac{1}{3}$ 1 wap = () = as

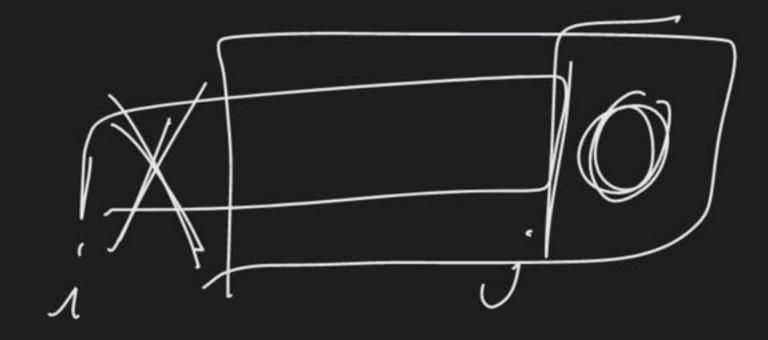




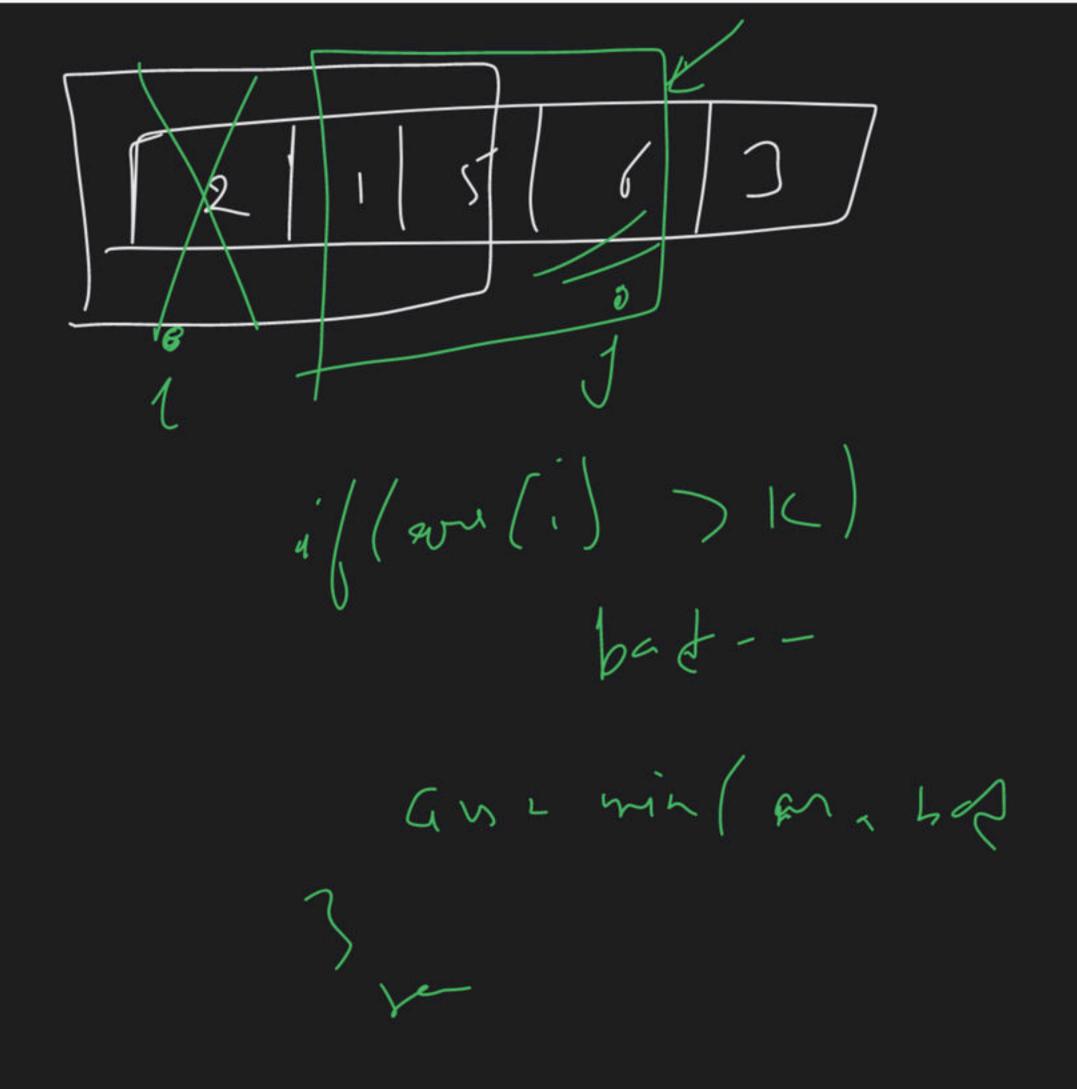




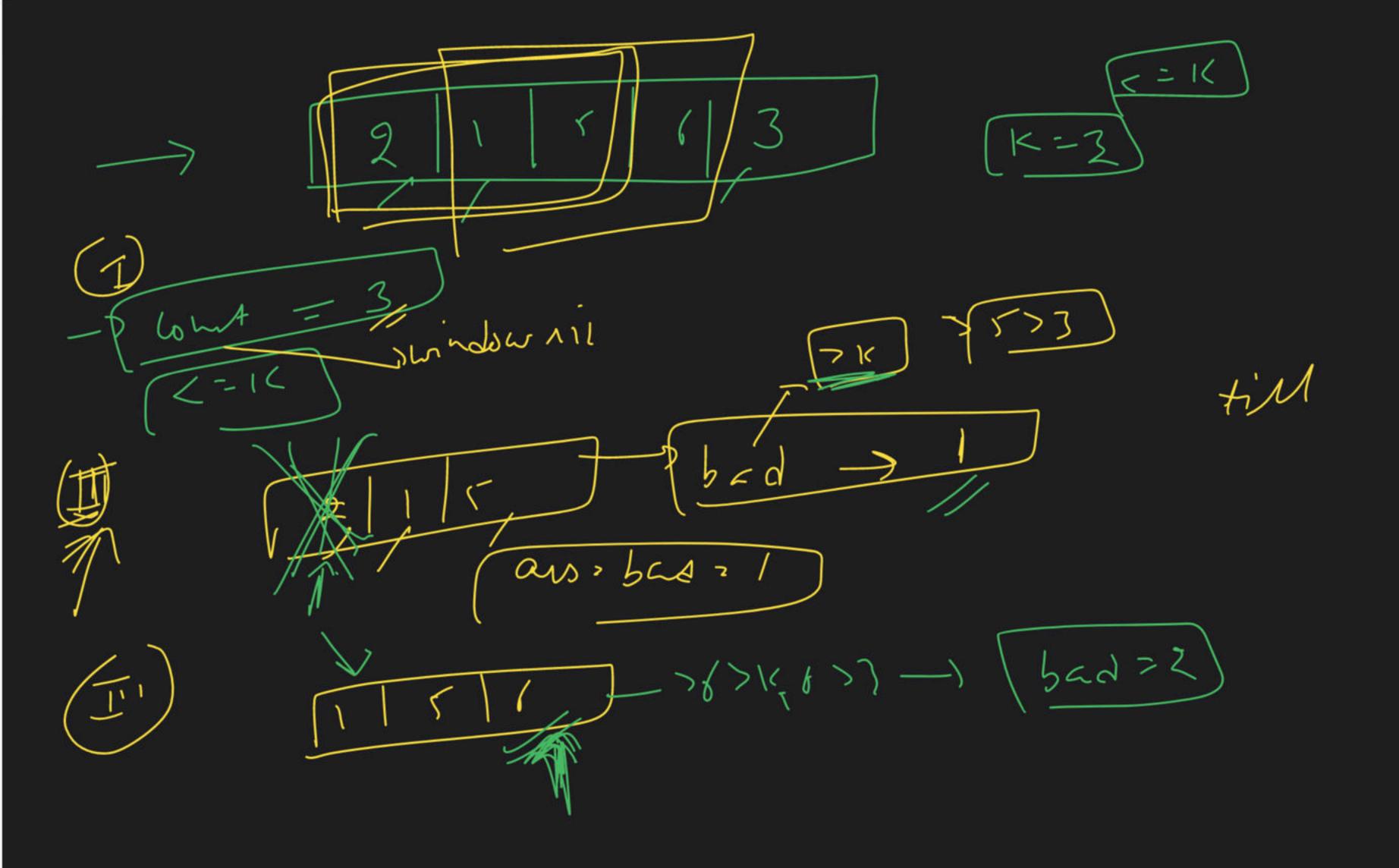


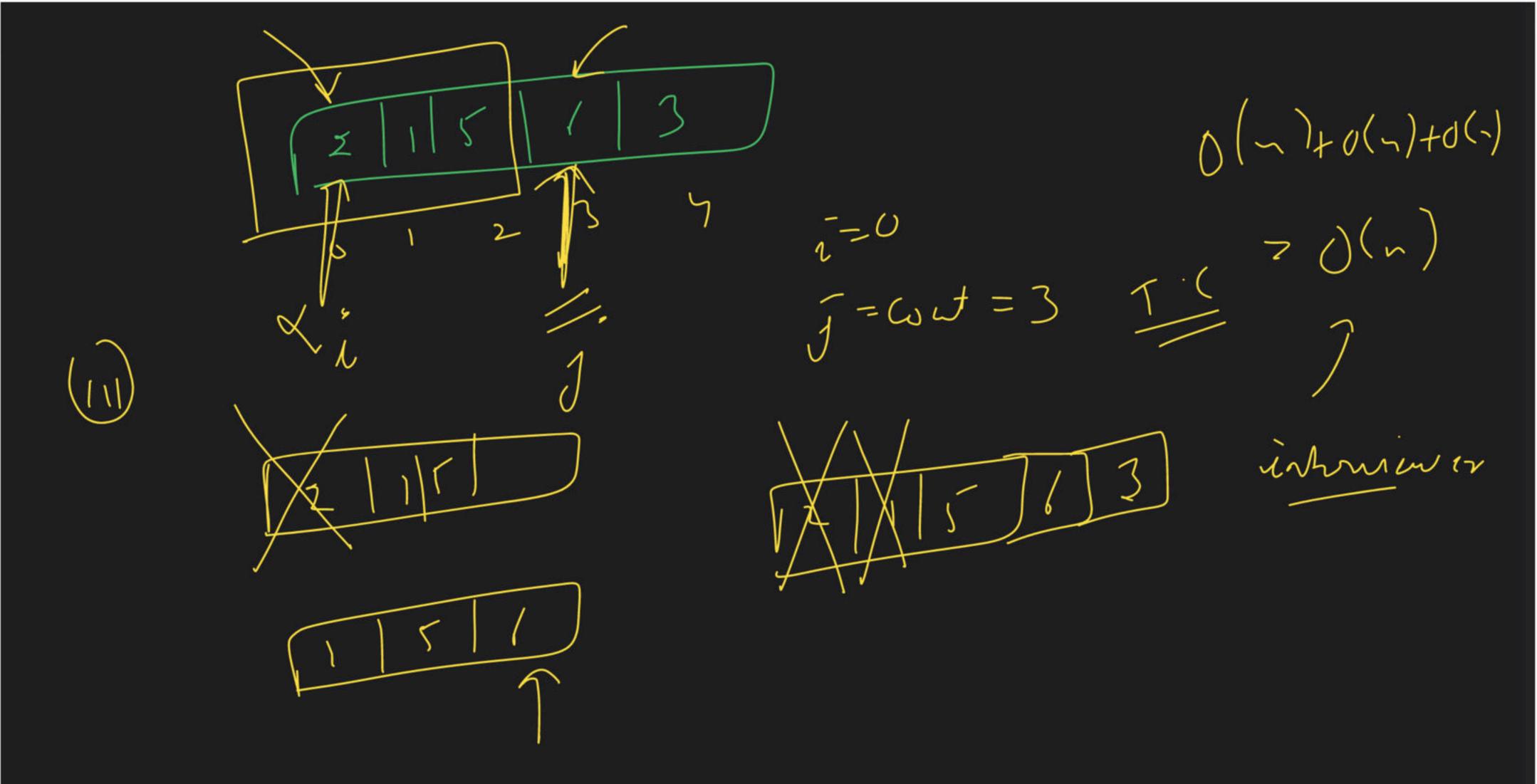


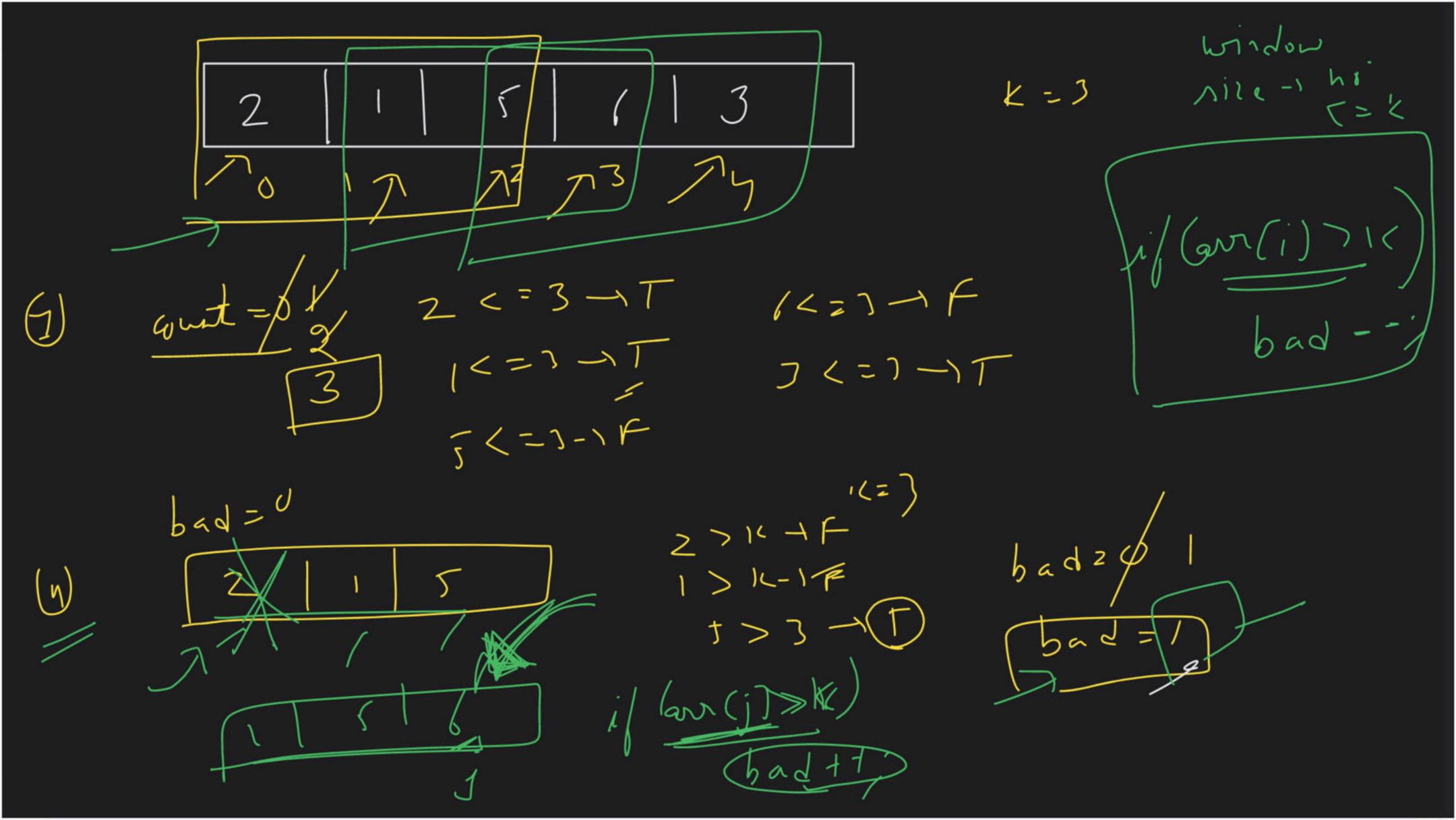
i++ j++



i/ (ov (j) >1c) bad+1/



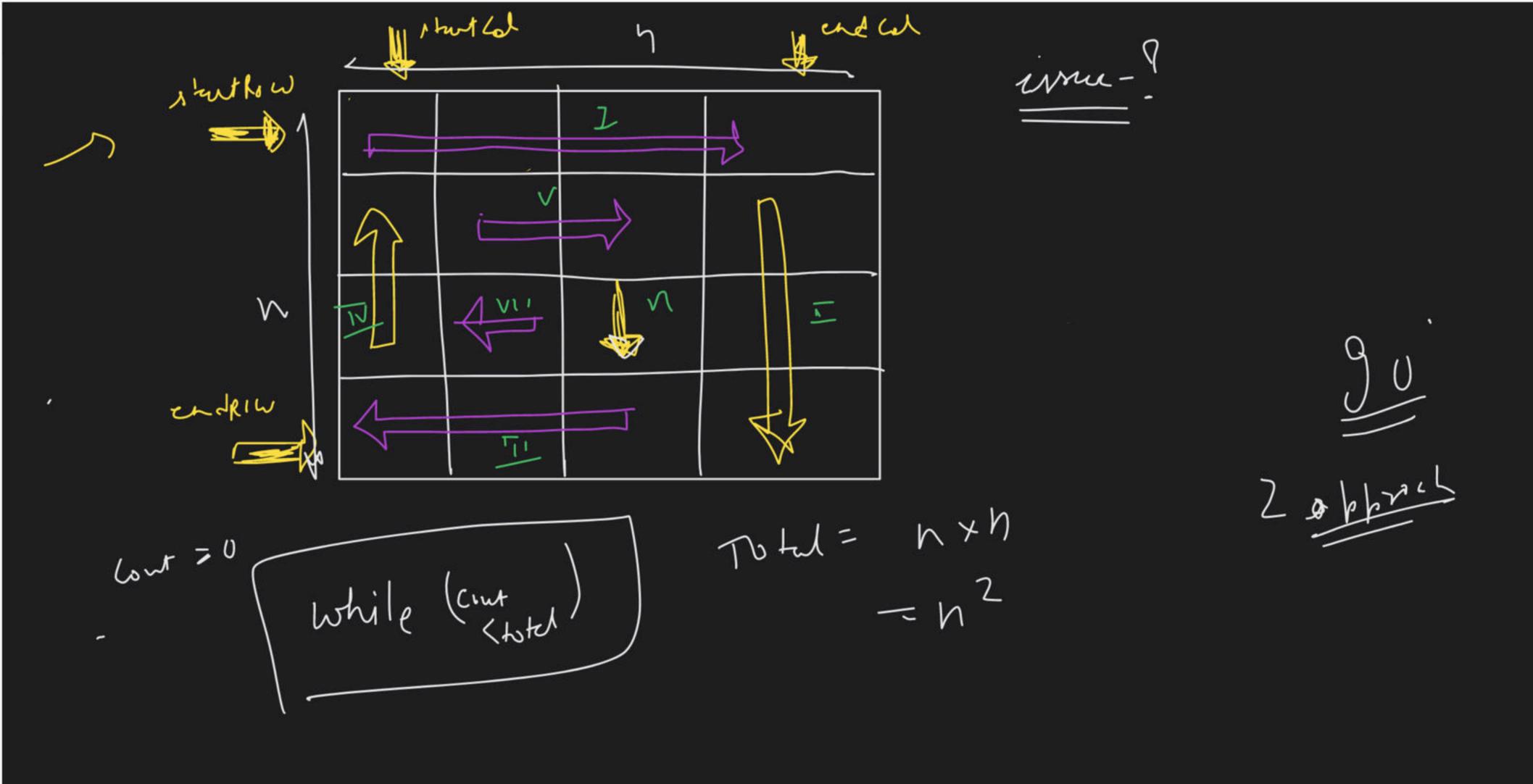




 $\int_{\lambda}^{0} \sqrt{(i^{-0})} \int_{\lambda}^{-2} \int_{-2}^{3} \sqrt{(j^{-1})} \int_{\lambda}^{1} \int_{\lambda}^{1$ bad -) " >k i -) dement to remain 2 / 5 / 6 / 3 1 2 > 3 bad = 2 bad - 2 6>3->T -> bad 2/2 () - says >3-> FX 373-7F

Marhap < key, Value) (10,1) - Agu! mapping -> (hum -> (ount) (Z) -> anordered map (int int) map; (I) -> traverus avrag 5 check each donorif (domand_cond > 1)

www-cond



[] 1 2 2 3 9

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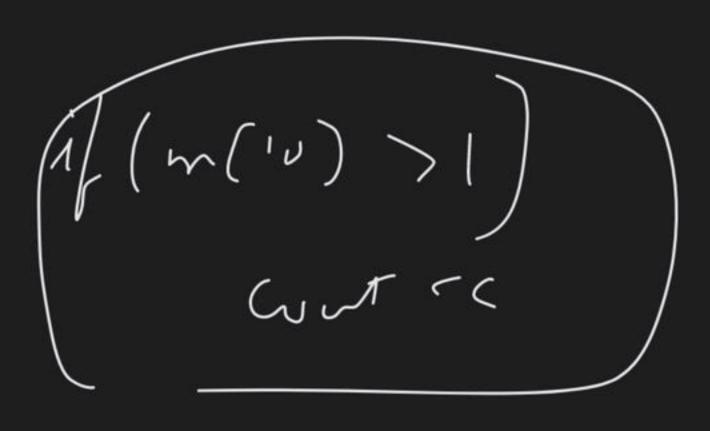
hap <int, int) m;

 $m(10) \rightarrow 0/1$ $\leq 10, 1$

min platforn problem minimum platform! avrival > (a,b,c,d)

dyarts -> (e,b) alph vo ch; gr. -) Jam 11 am (3) sof men / dep dep -) (pm.)

map (int, int) m
Key value a (un



[Adobe/Ms/Amin]

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J 9:00, 9:40, 9:50, 11, 15, 11]

(BMK) dep -1 { 5:10, 12:00, 11:20, 11:30, 15:00, 20:00} (1) ary -> \$5:00 \$5:10, 5:50, 11, 150, 119 3 dy) (9:10), 11:20, 11:30, 12:00, 15:00, 20:00) (I) planom=/d/2/3/2/10

planom=/d/2/3/2/10

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1 at maxi = jul _ mm int run ? U, 1 Ce donc's for (1-10-) gun 2 sm + av (i) - max (meti,)m) if (, un < 0) Jun 20

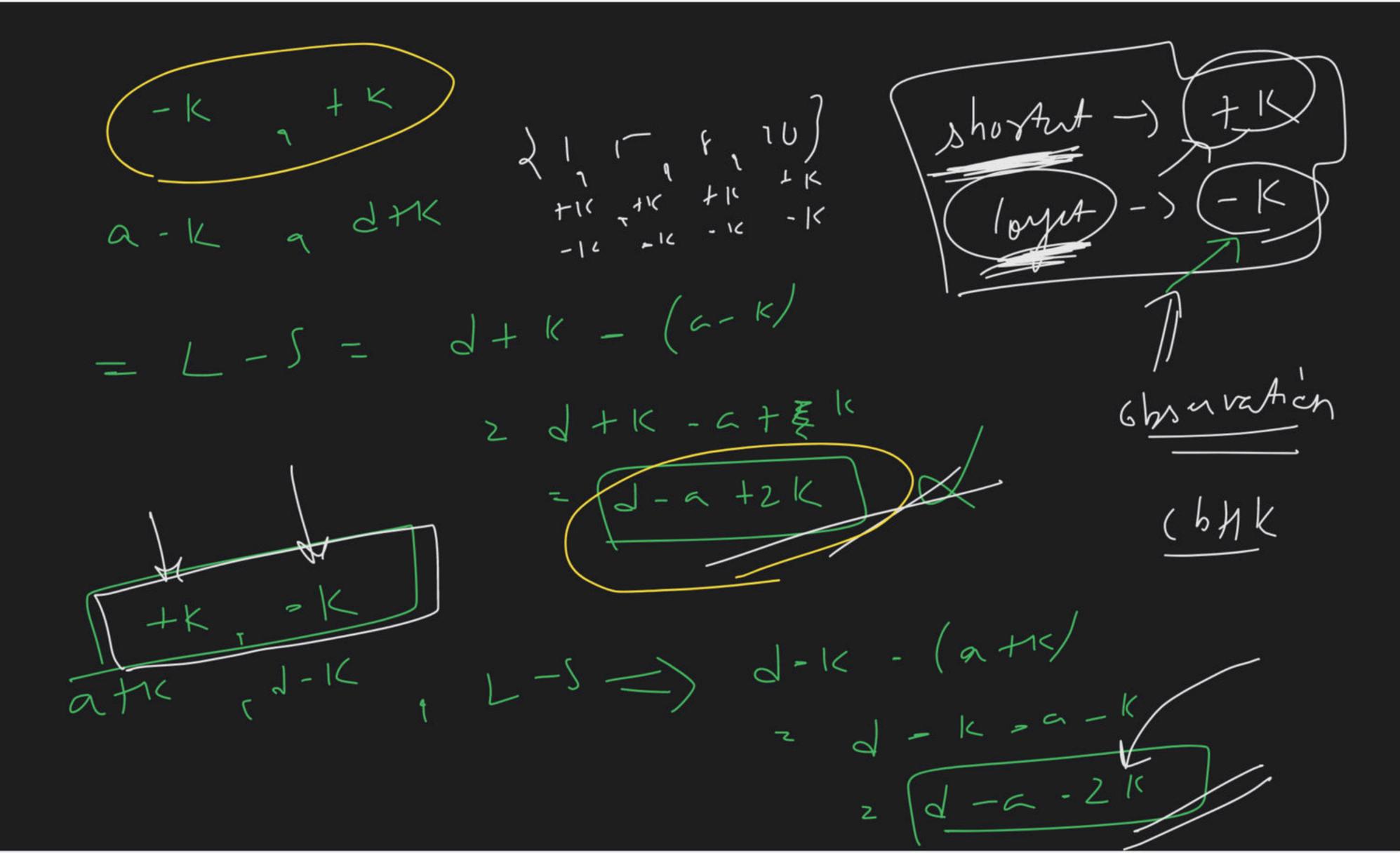
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for (; - \(\bar{b} - \simple \)

7 Dowot:-) (omer. Logic D Late on

> Minimire the height IT > min diff to/v loyor / shorters towar 5 1 8 1 W 3 mex - grr (n.1) min = avr [0)

5, 103 (1) Tour hujh - Fx (1) min dift I Logit home (| d a-k, d-k atk - loyat - 1h.v - J-12 - (a-14) - 2+K - a-K 2 d-1/2 - at/ = [] - . ~) - (1-5)



1 (5) T (8). 10) (1) MY -2 = 3 -3 5 10 - 2 = 8+K,-K ans [5, 8, 10] finitie = min [avr(0]+K, avr(i)-K]; arr(n-1) max[ar(n-1]-K arr(i)+K)

DOYT (aux, aux+n); h/2/1 30 min \$ Godi; - (T) mini = avr(0); maxi = avr(n-1) avs = maxi - maxi avd = am(n); for(i-1) fo5 examples 2 { min = min (qrr(0) + K, arr(i) - K) i=1 } DRY RUN) The same of the sa 7 maxi = max (arr (n-1) - K, arr (i-1) + K) Cyller Jpy Ru que I min (naxi-mini. 625) Februar ansid _____ O(hly-







