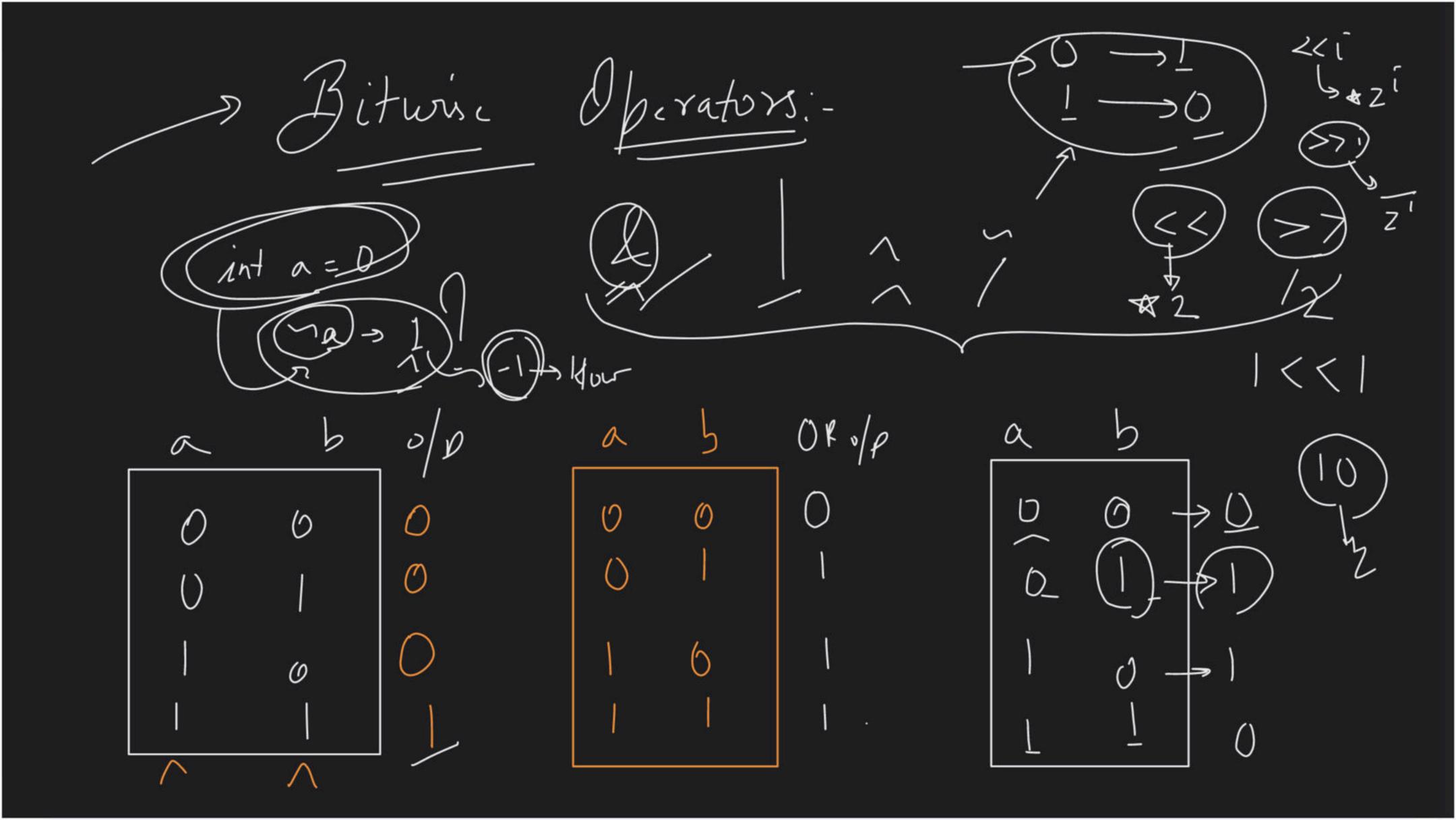


Special class

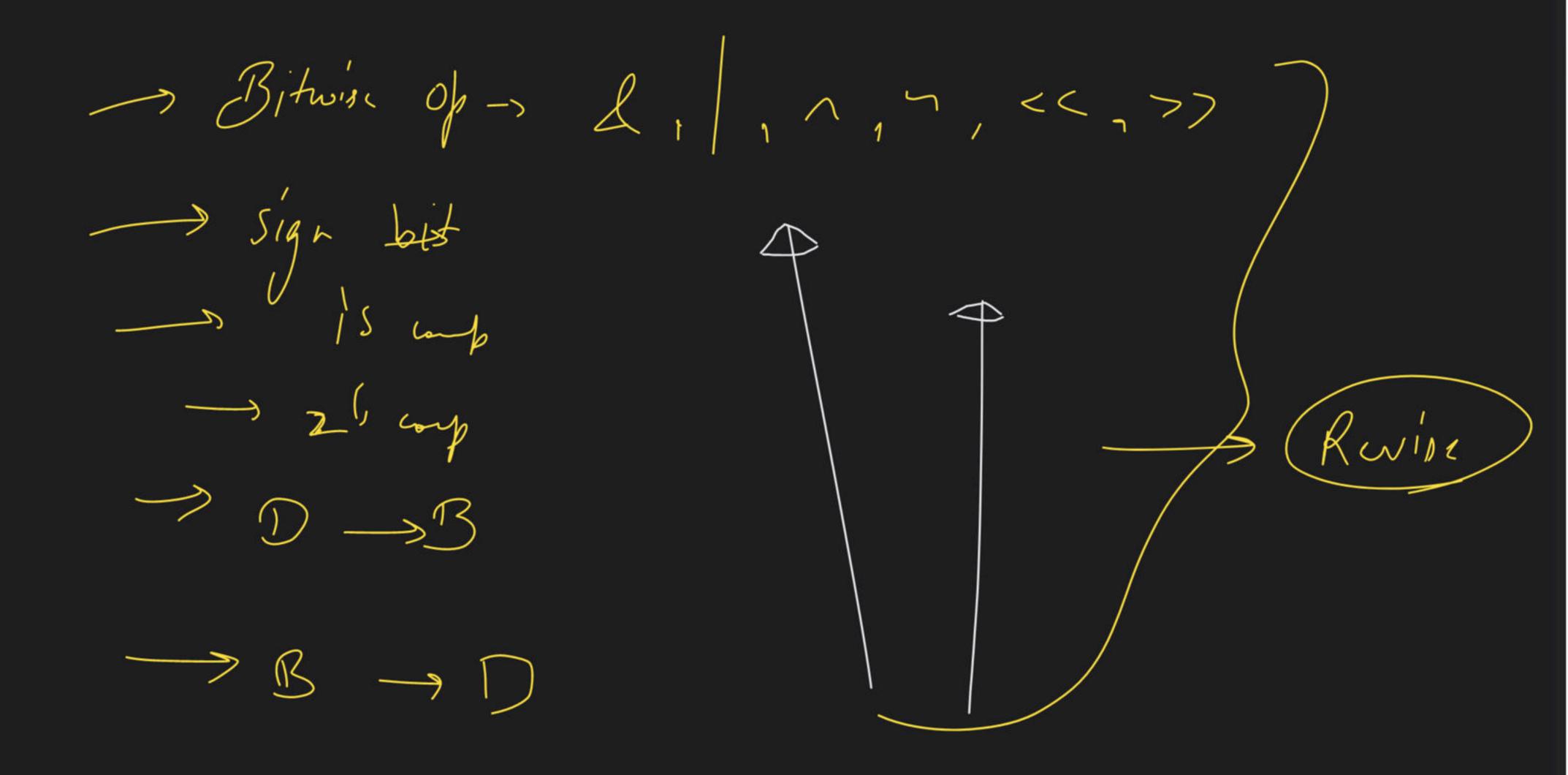


De und -> Binony -- already
Binony -> De unel already 1's comple (sign) 21s cup

int
$$a=0$$

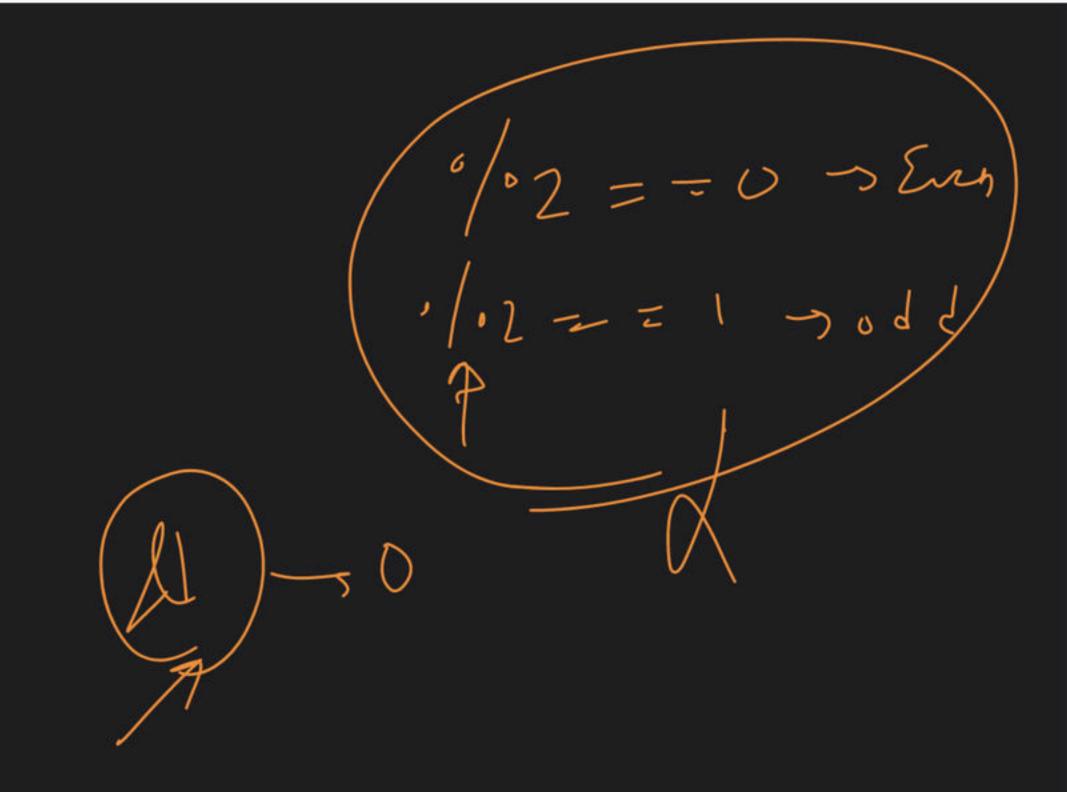
$$\sqrt{a}=1$$

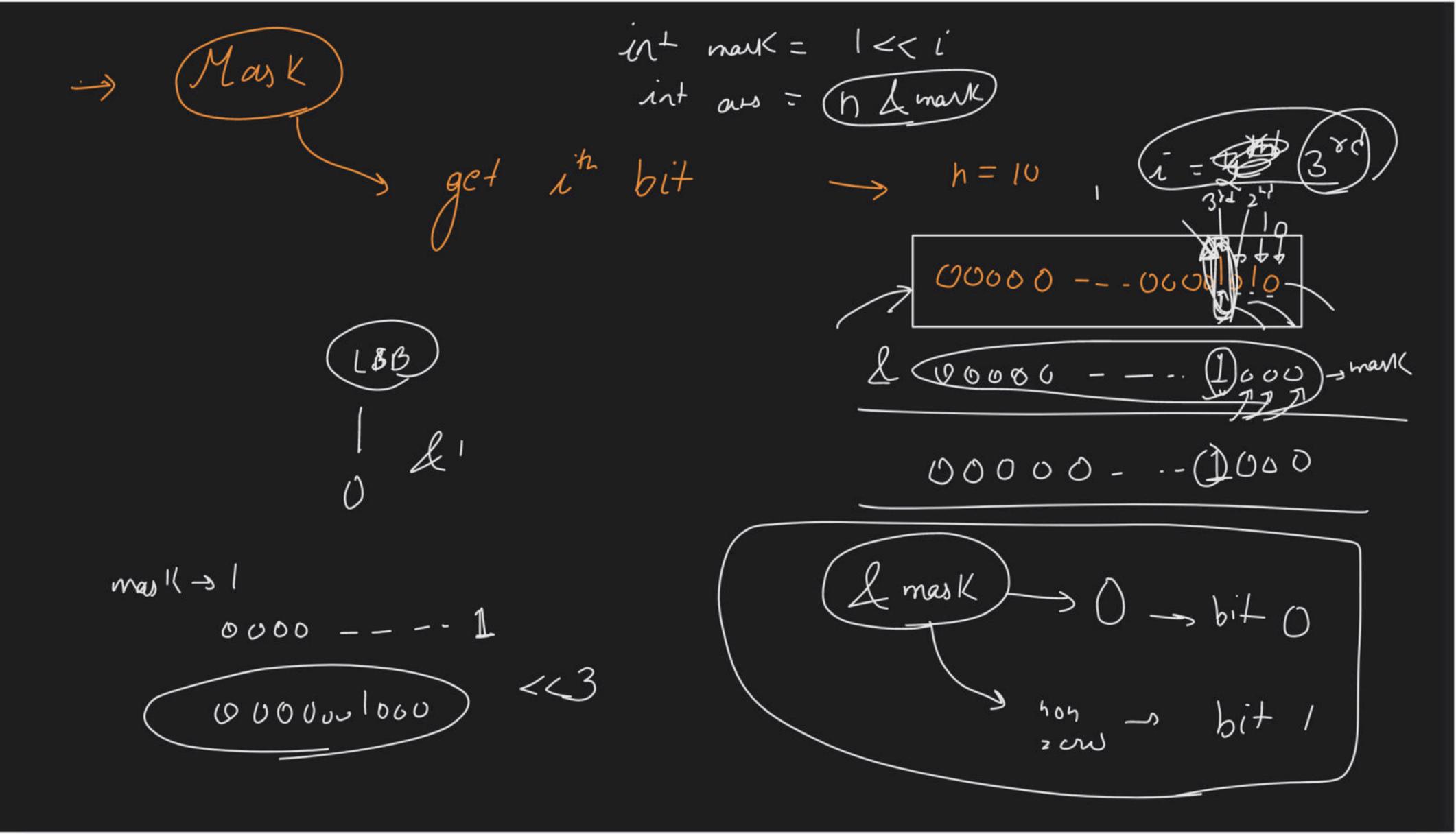


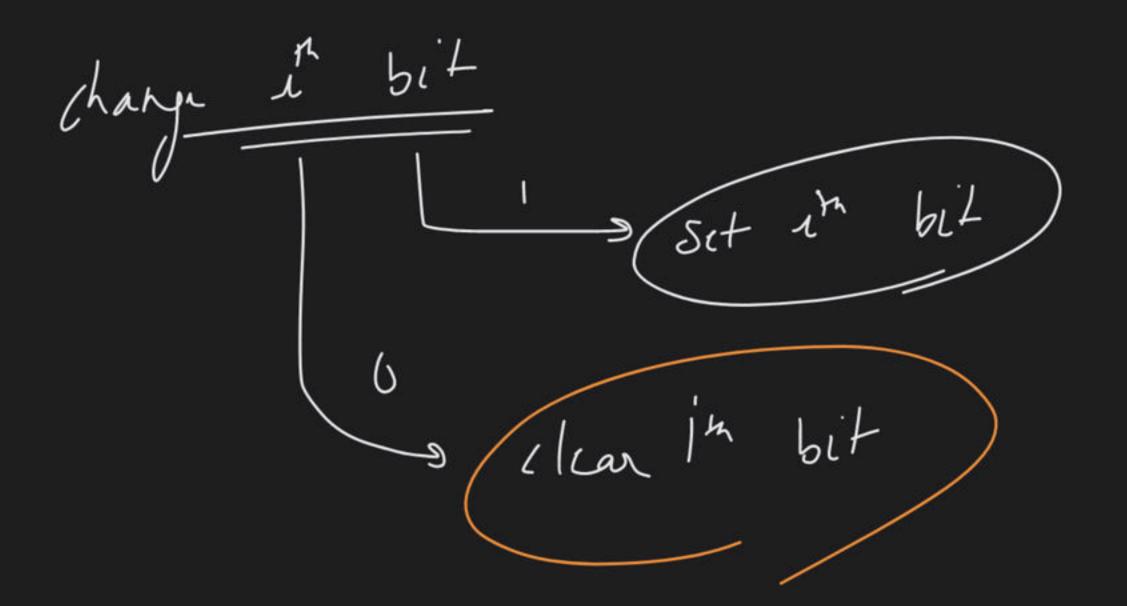


is hot the This Last Lass 15 -20 mir

(2) Even cuen

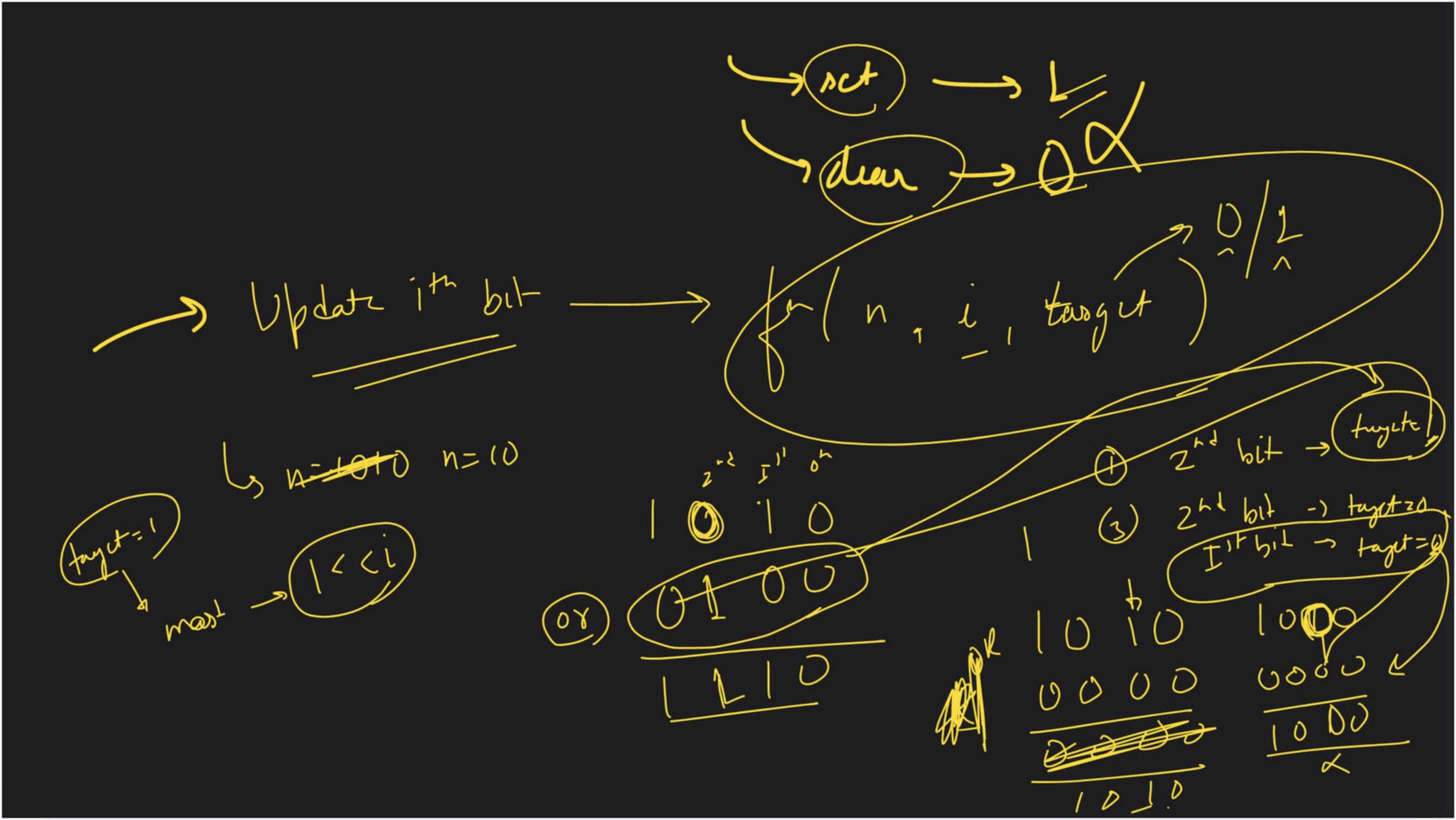




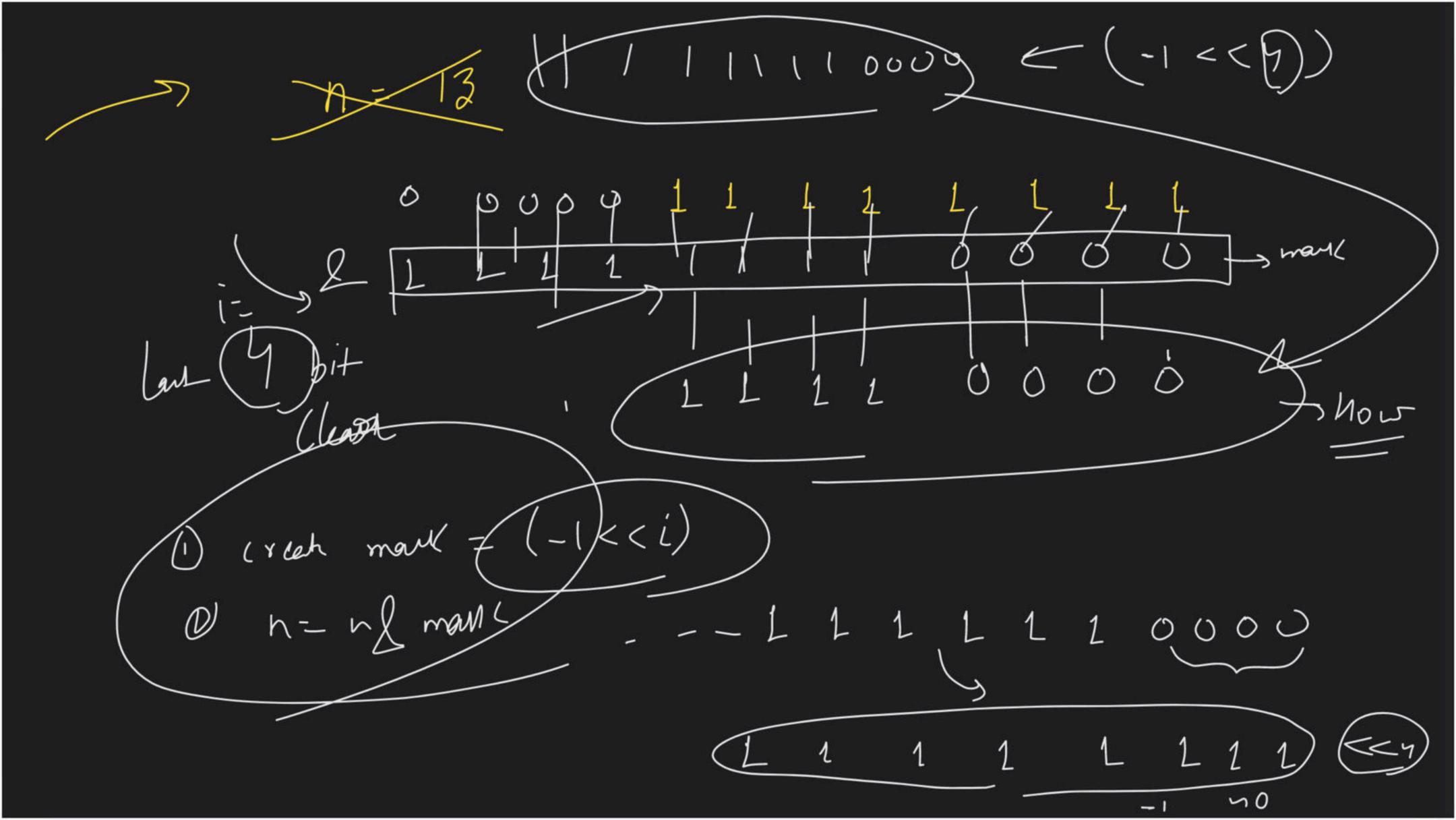


2 hd bit Kunset n=1010 $t = \frac{1}{2}\left(i=2\right)$ 0000 0 10 0000 . . 000000100) 000000 000000--0000 00001 1 Socate 000000 1251 au z n manc

pata lagara n = 1000001 0000 set 0000 100



Updet i bit () clear it bit



0000 - . 600 1

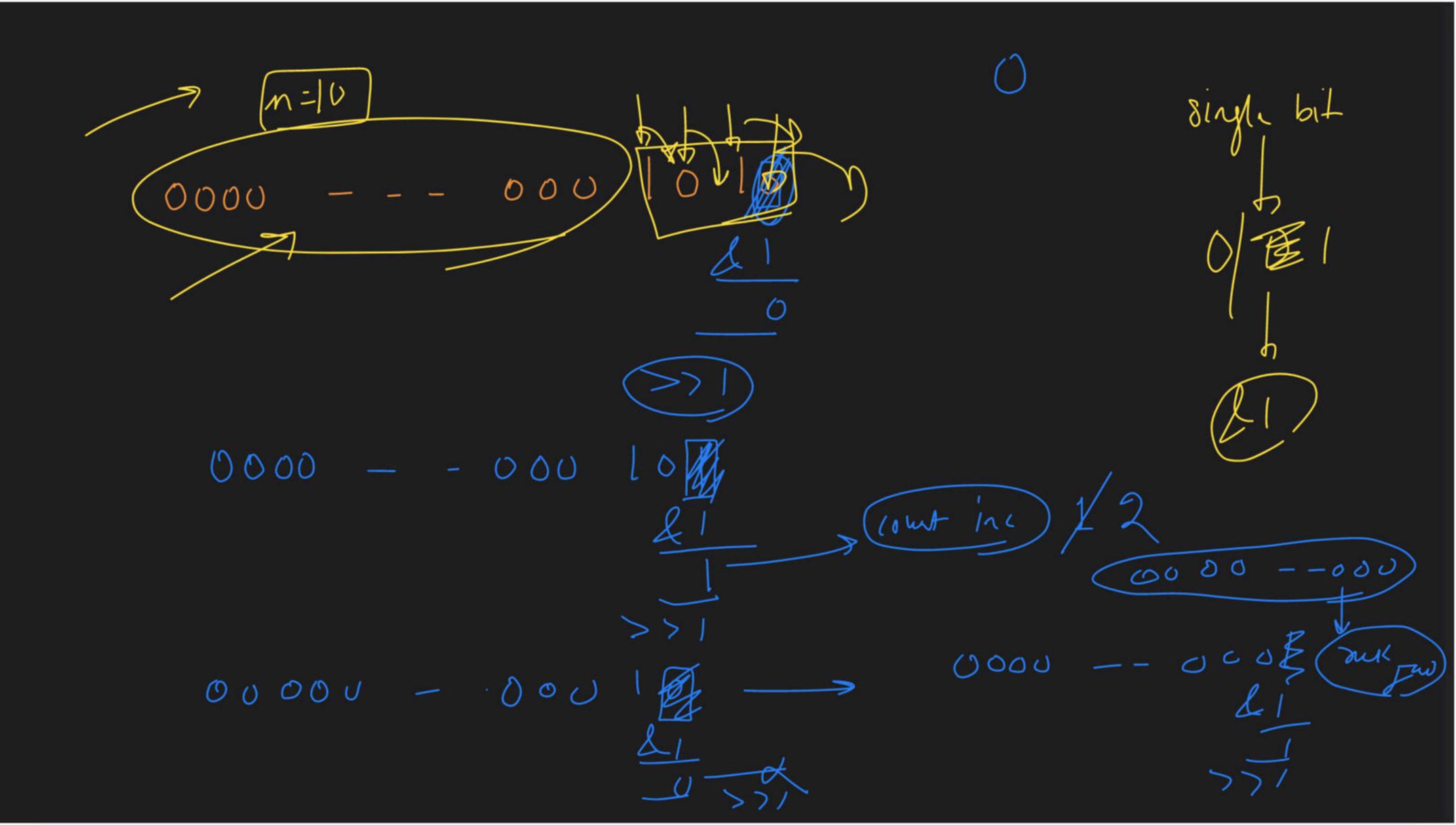
0000-0000

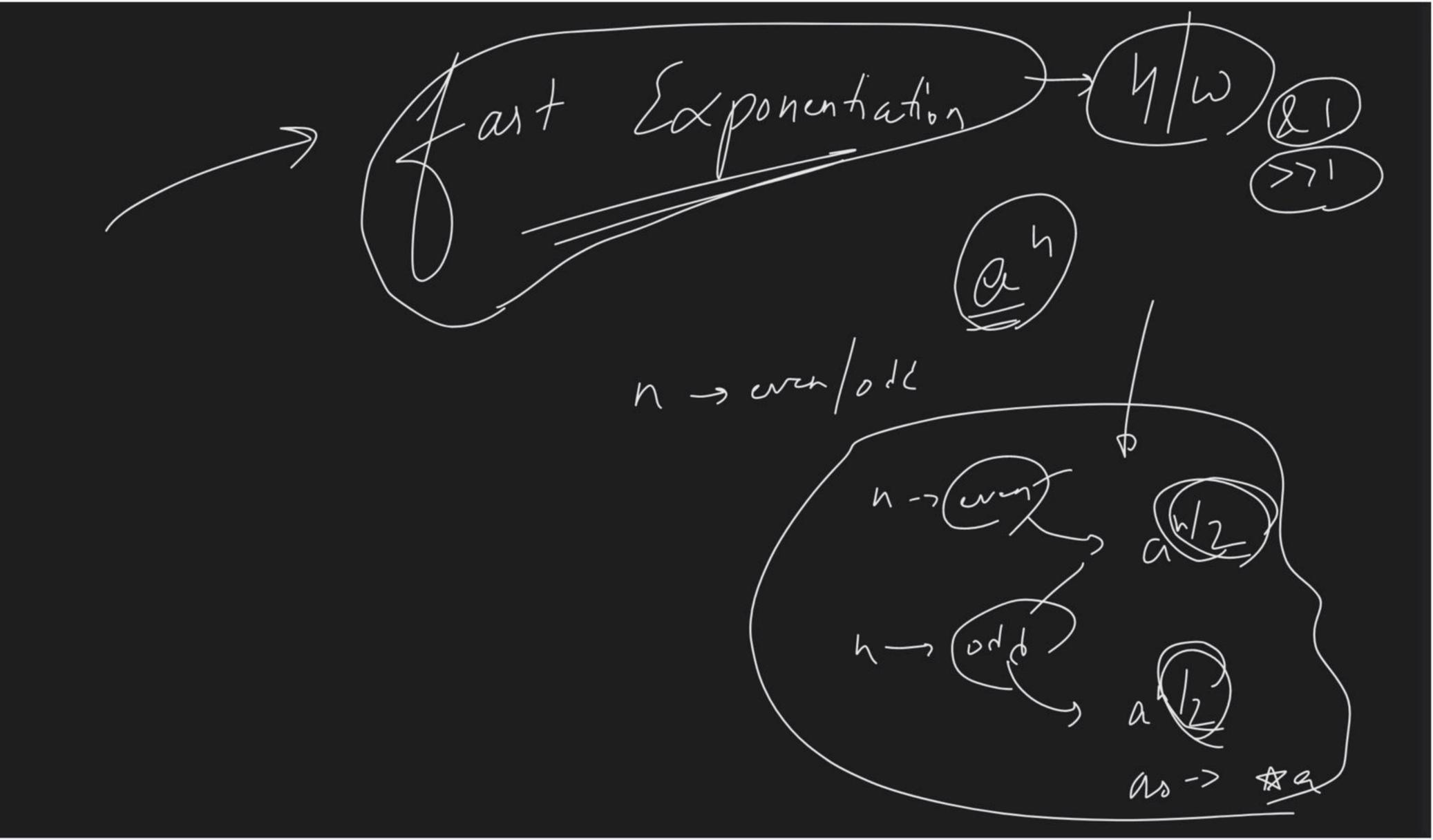
(1)

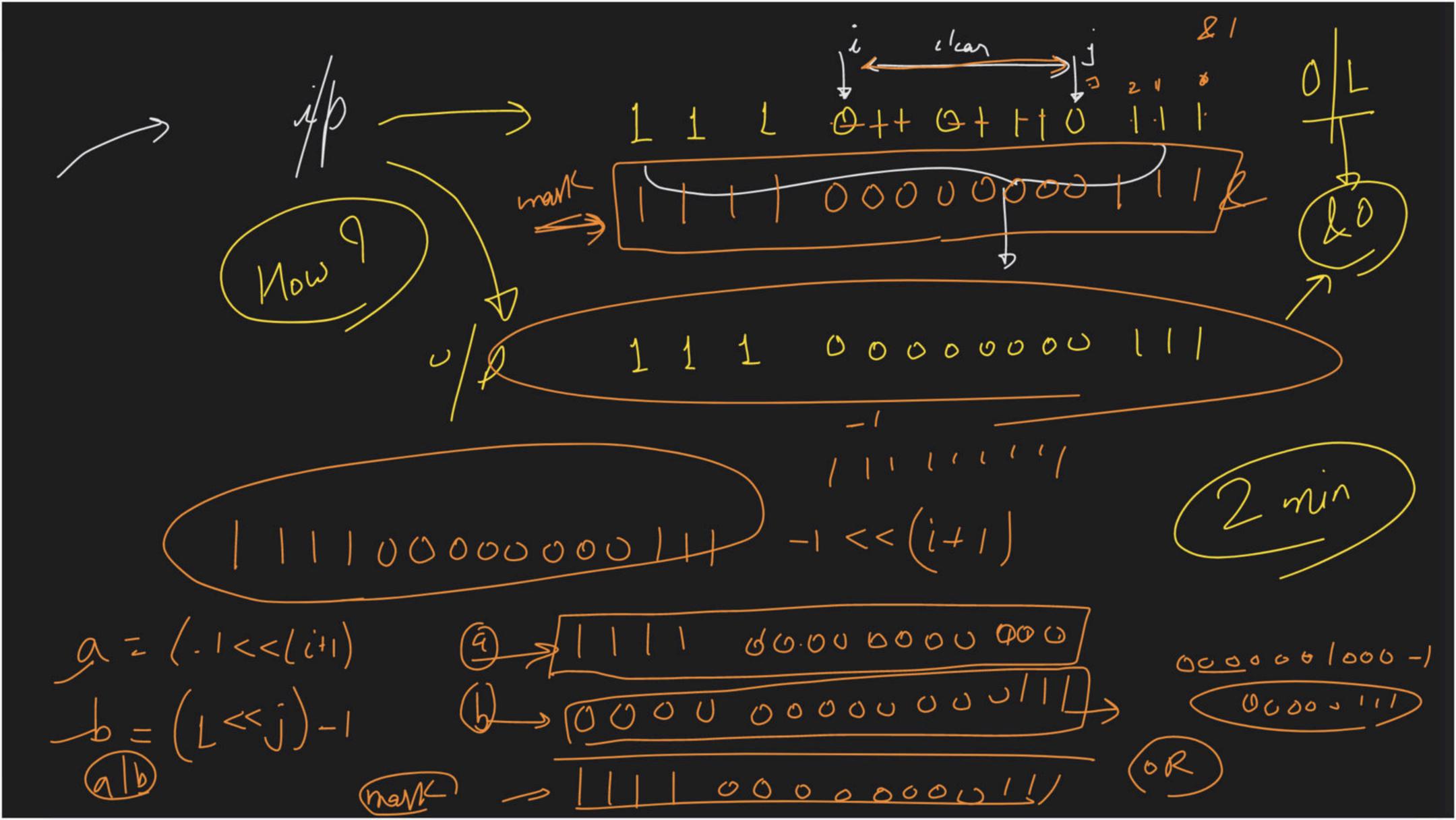
Check power of 2 (n =4, 8, 16, 32, 128,156

2 2 4 - > 100 B 8-> 1000 0000 0000 16-3 10000 15 ~ 0111 000 $\left(h-1 \right) = -0$ n

Count Set bib 8 -> 0000 - - 00 lloo0 no of set bit = 1 -00011 7 00000 no of set bil = 3 100000 no of not bit = 2

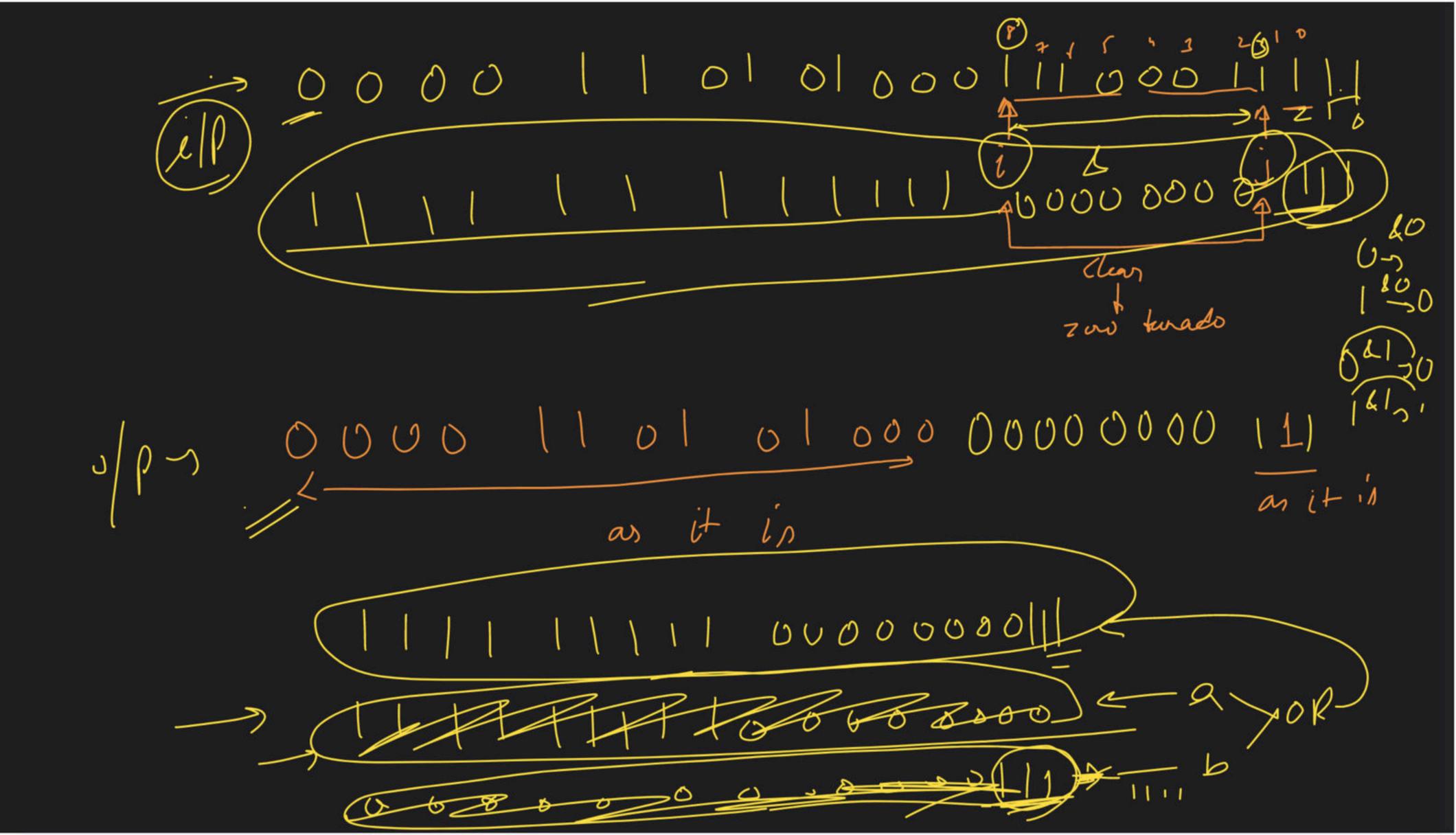


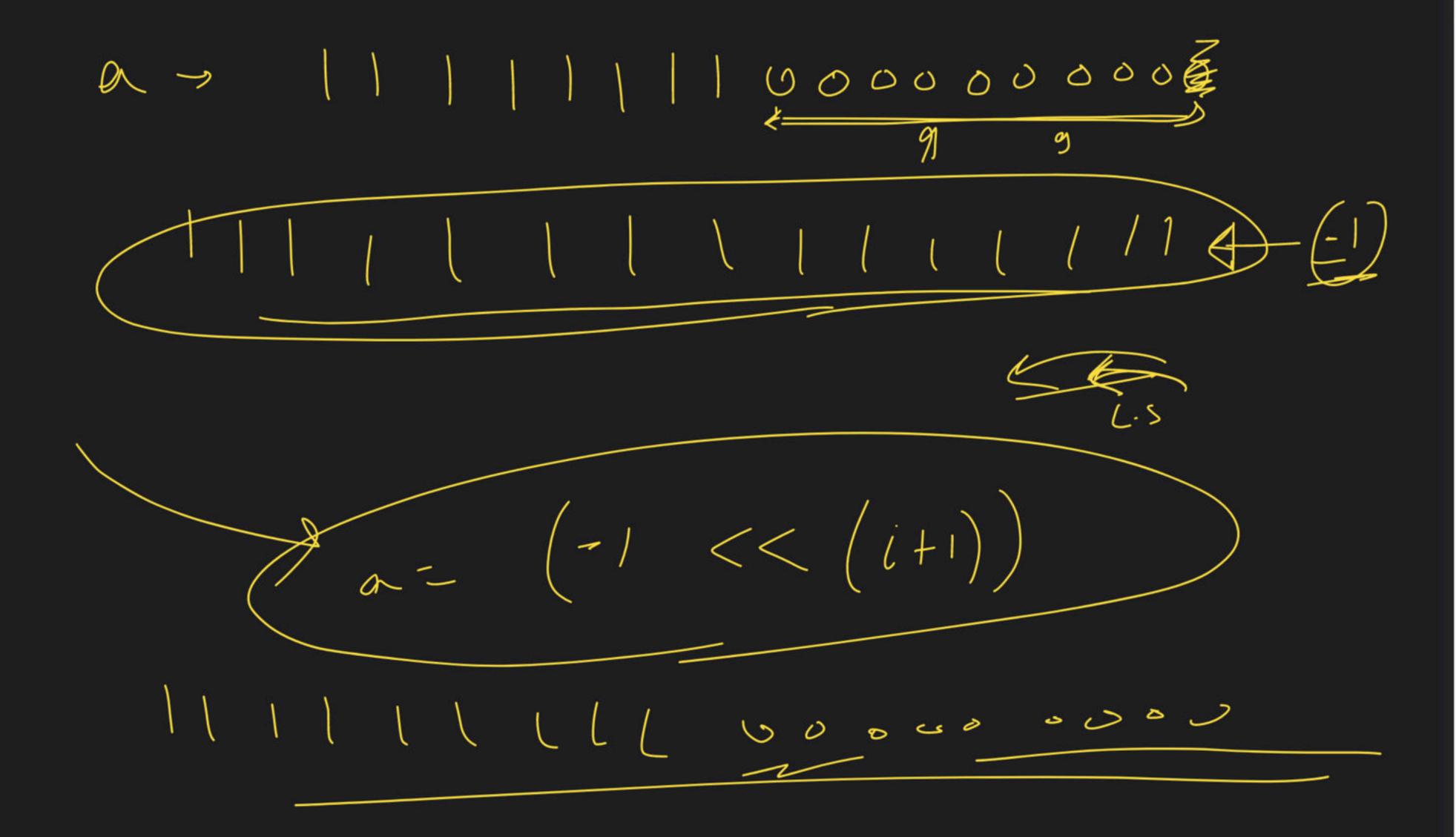




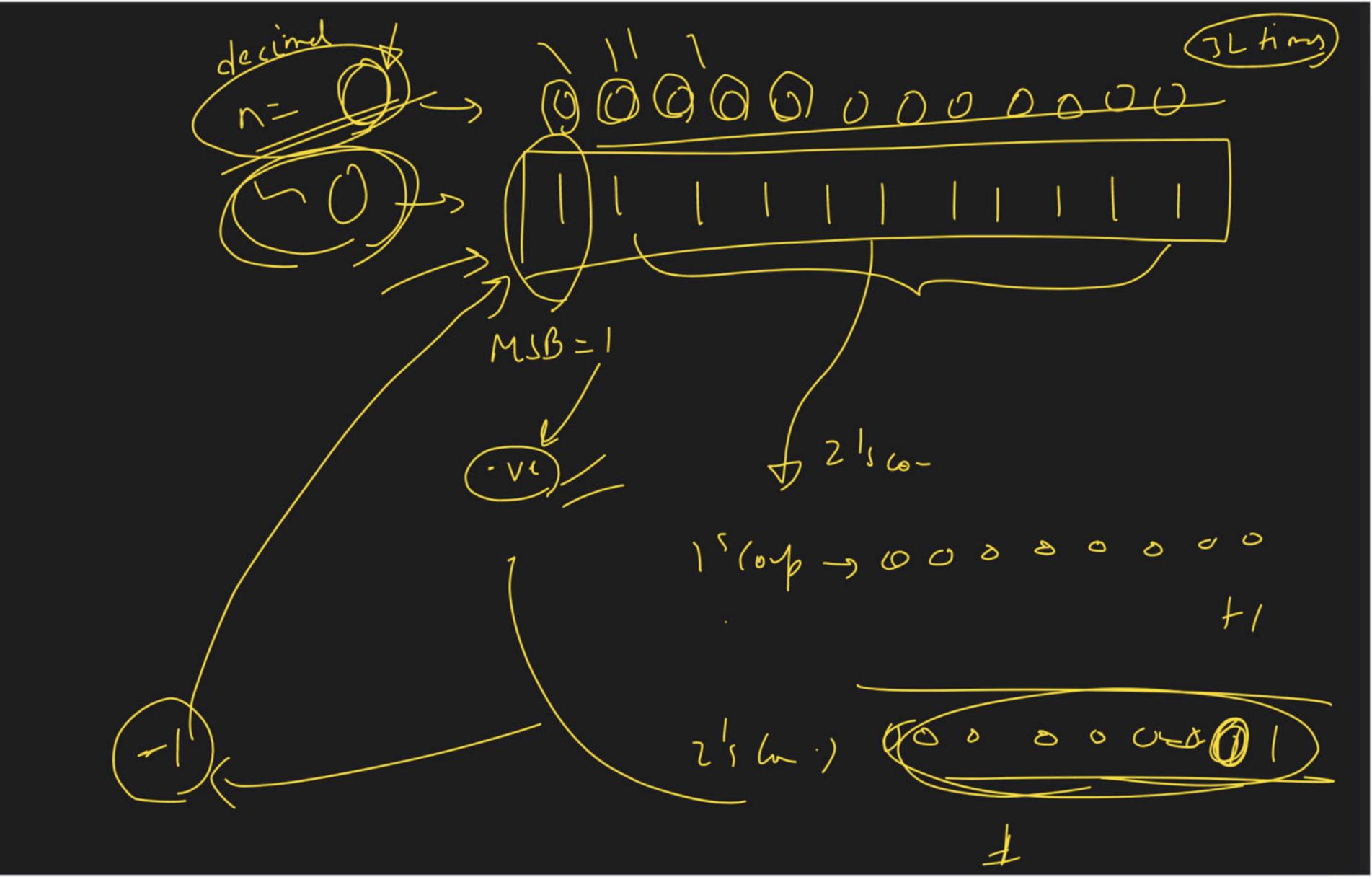
0000 - 000 |00|

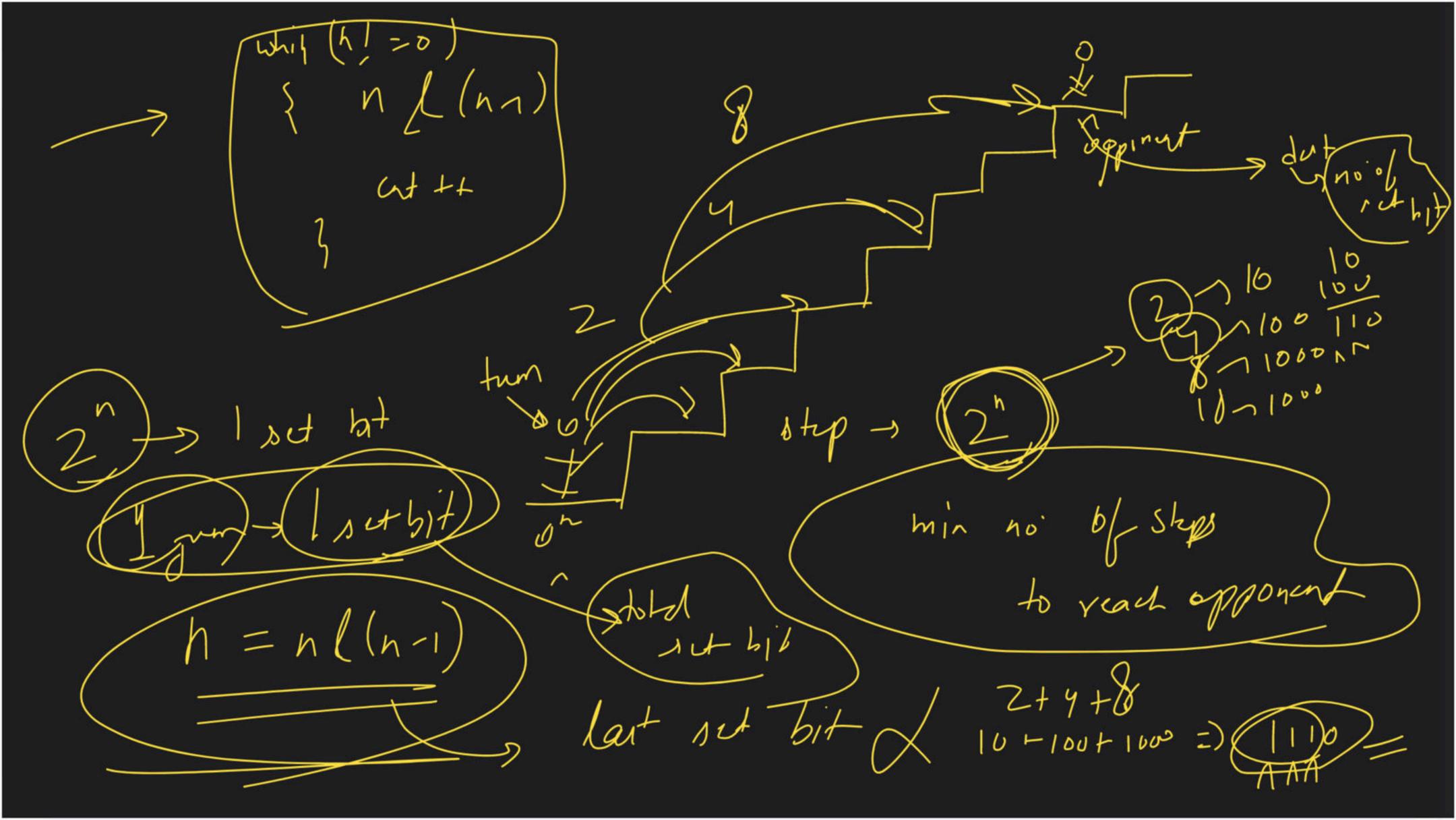






a/b _______mark





Dubsquea Using I itmasking hostyn Str = "abc" -> Power Sch -> Subseque already Johns -> Recursion -> (inclex) pathen

b b 0 XXU ab & ab a 325 うへ (& BS > la(→ ab (经 之 !

leyth -> h 127 Power bet 0->7 (0->7) Binary 32) 9-bc-> lo√(0 → ~ DOJ aby -abl abc 15(1010 7 10/ abl (10) 441 ->> 4 ab (

