

2. Right Set bit mask -N= LOLLO LOLOO n= 58 = (111 0 lo) 000000001000 2 58 Right most 2 29 0 find that 2 14 1 Lo It is very useful moulk 2 7 0 2 3 1 try to solve it in O(D) \int_{0}^{∞} brute force - (1) Start from oth bit, anchock if 21 to north no 2p tid not $O(1) \rightarrow 3$ Right mort in numbumask = x & x''(2") Ere bit that off Every bit-Soluh'm Revene -Math. OLOOLOIPH ED 3 some of x. bm= xl-x 00101 000 100 X = 000000 TOD

$$x = 7$$
Als complimed of $x = -7$

Solve in $x = 7$

being $x = 7$

being $x = 7$
 $x = 7$

$$a$$
 's complimed = $m = DL - 11001$

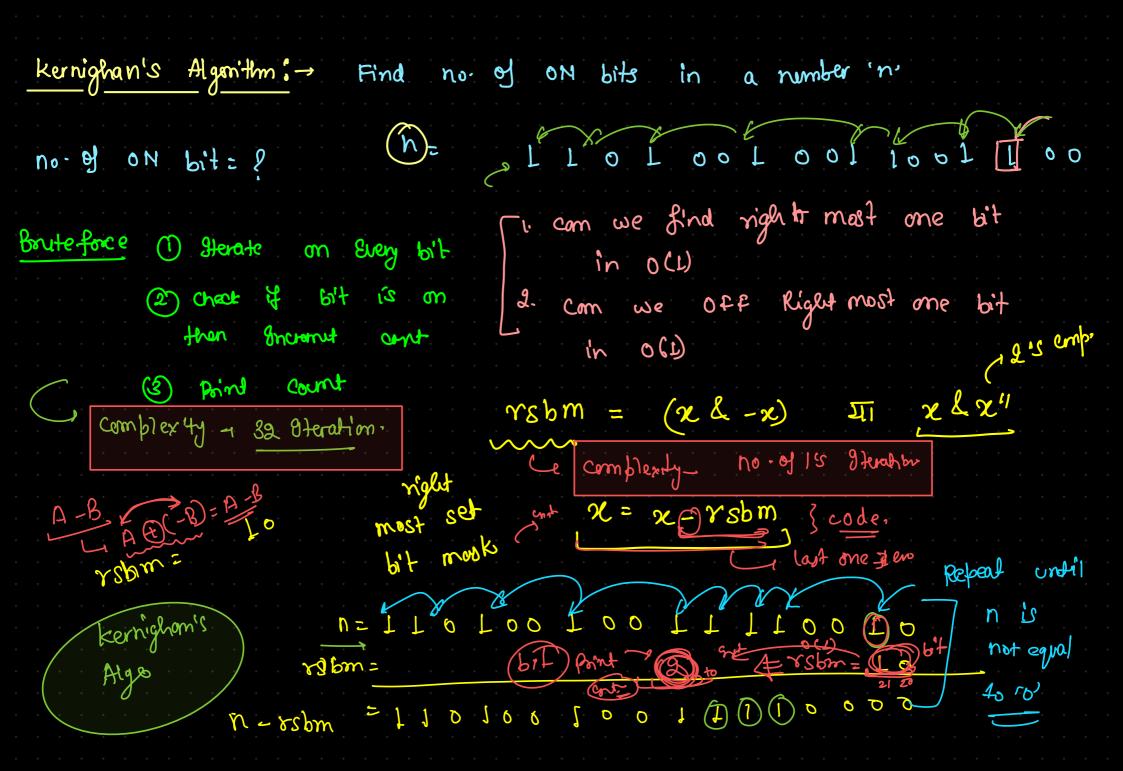
$$= \frac{000.0110}{1}$$

$$= \frac{1}{000.0110}$$

$$= \frac{1}{000.0110}$$

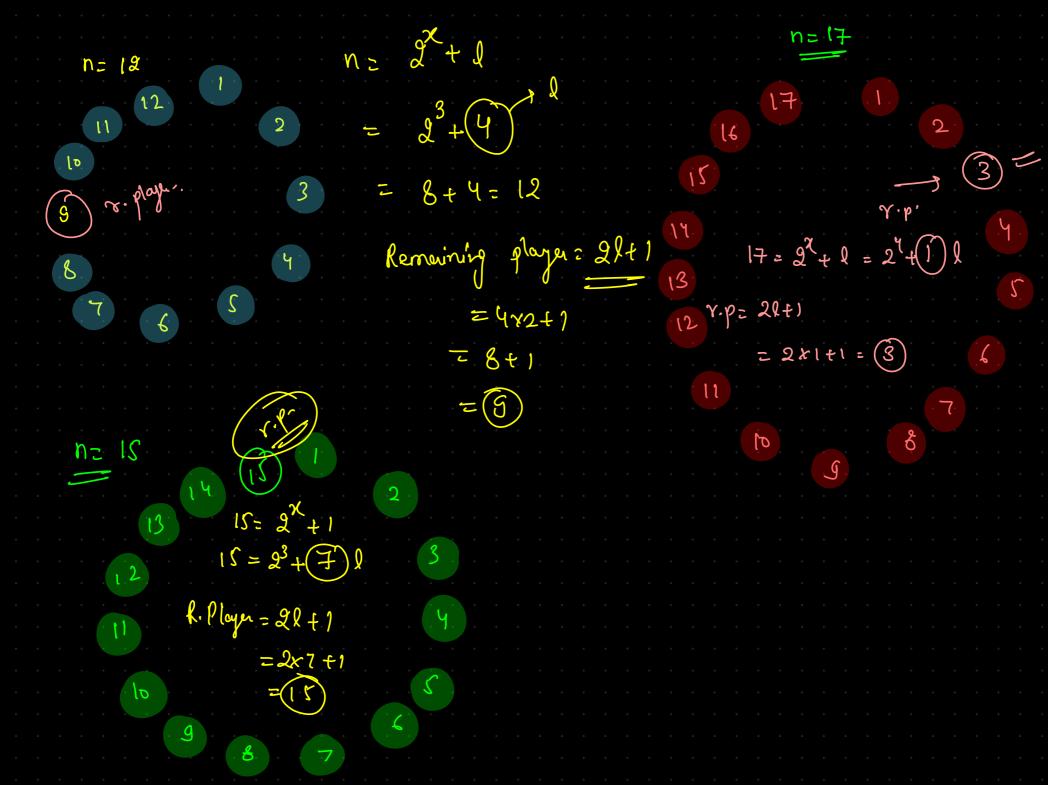
$$= \frac{1}{000.0110}$$

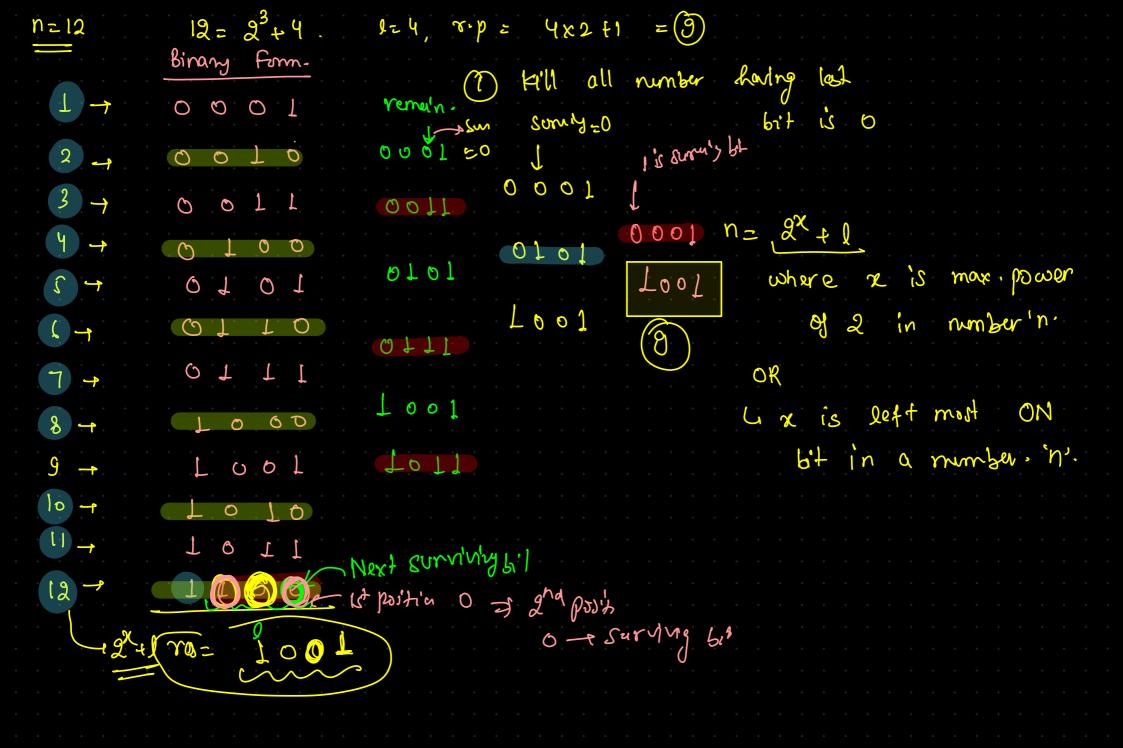
215 of m = 15 compt)

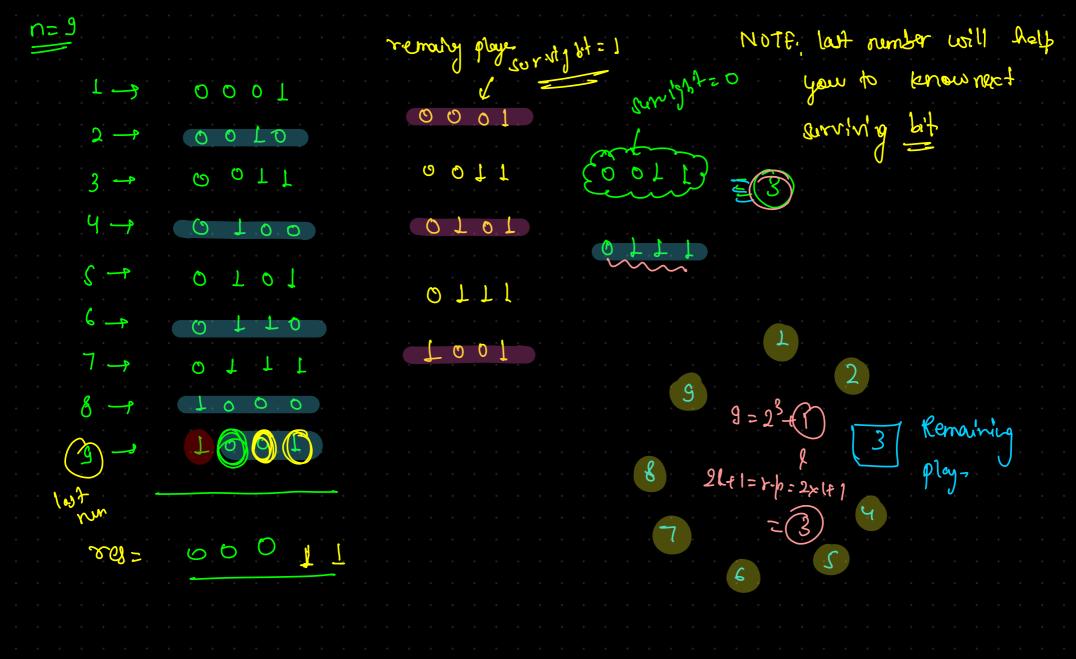


x - rsbm employed of separations of separations X+ (-YSbm) 2= 1 100 4000 x-rsbm 0000/000 (-rsbm) = 1---11111000 remone eight 1 - 1 1 0 0 0 0 0 = 1 !S crmb + 1 = 111... 0 L11+

Josephy Special :-> h= 12 n = 9 りェチ Anner winner winner of 7 Remaining player - ? given = n + no- of plays in game, n = 2 max, powr of 2 in no (1) What @ How Remaining player = 21+1 3 why.

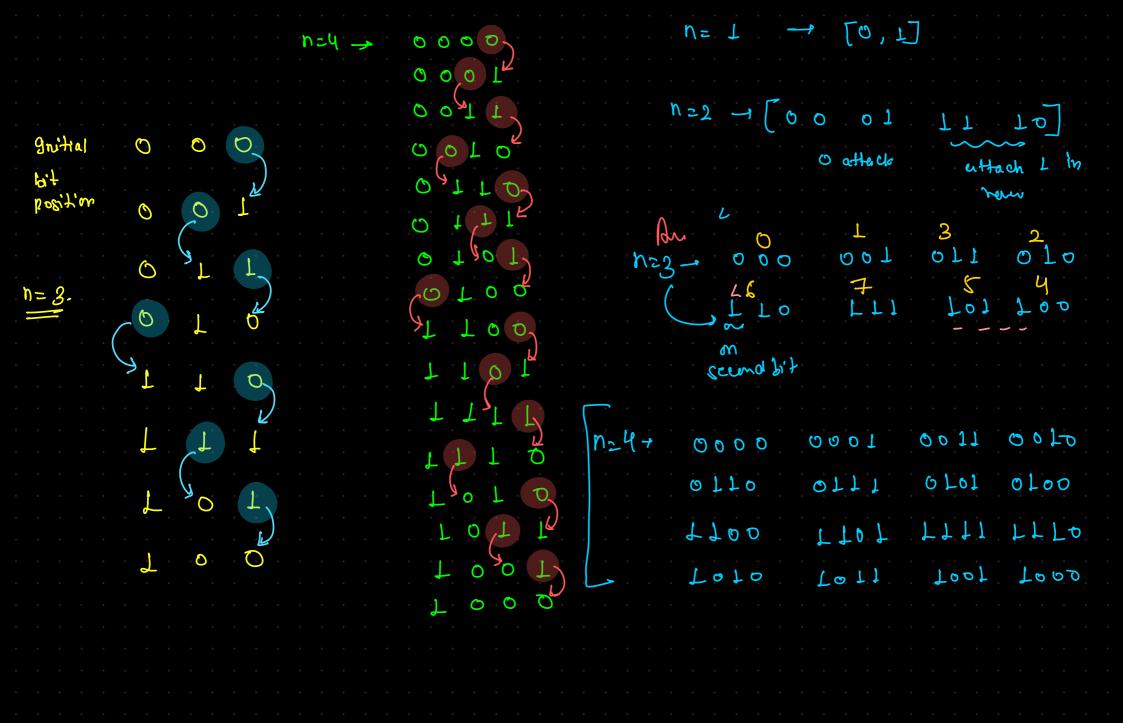








Gray Code: - Input n - no of bits. gray code which com generale using h-bit. order La bits arroyens possible after single toggle bit dependent [0, 1] problem N=1 000 001 011 010 101 100



Schedule

Dld Schedule

- 9-12