Tabroduction to Bitmasking

Inhvihin broklems to club Of well

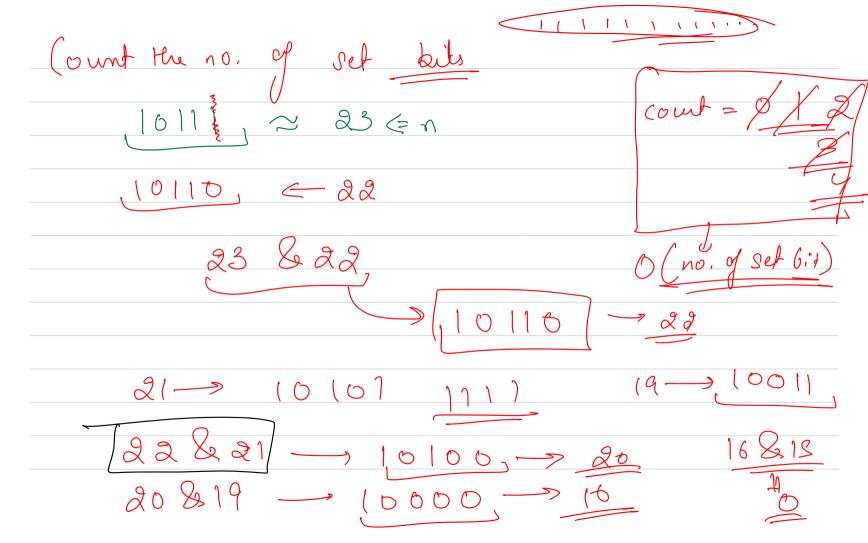
Bitmask

Pre-repuisire > Recursion 1 10 Pl 20 Of

den information Sit Manpulation Bit mask

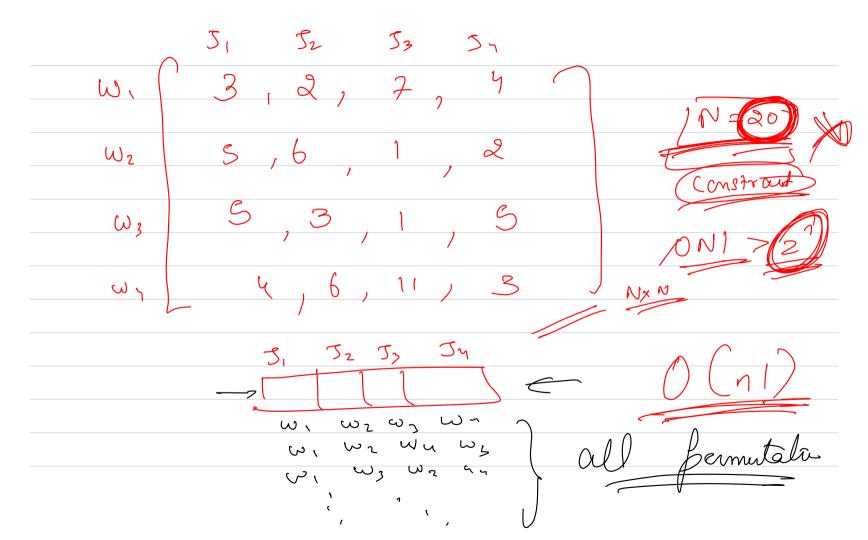
Bitwise And Or Kor Not --.. 87654321 ( ) n= 0 1001011 Set the 01000011 01001011 000000 Clear the Kth kit

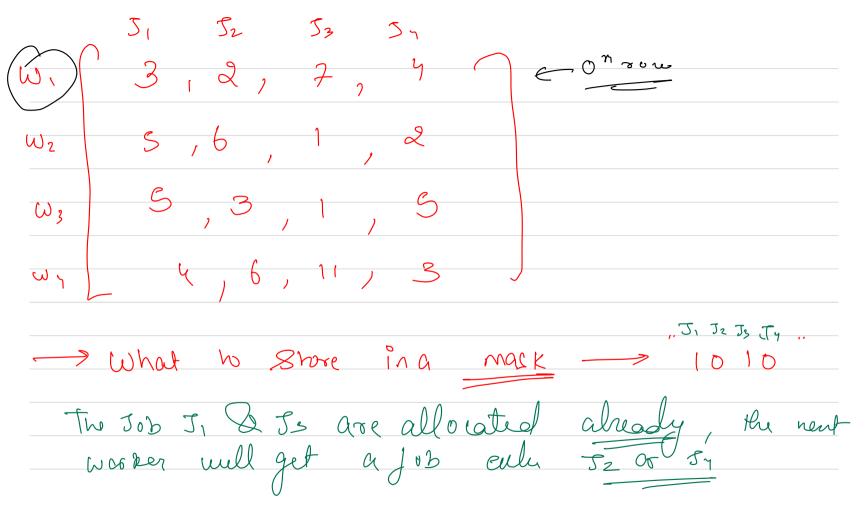
1 = 01001011 K = 4 ( < < / -1) ( (CCK-I)

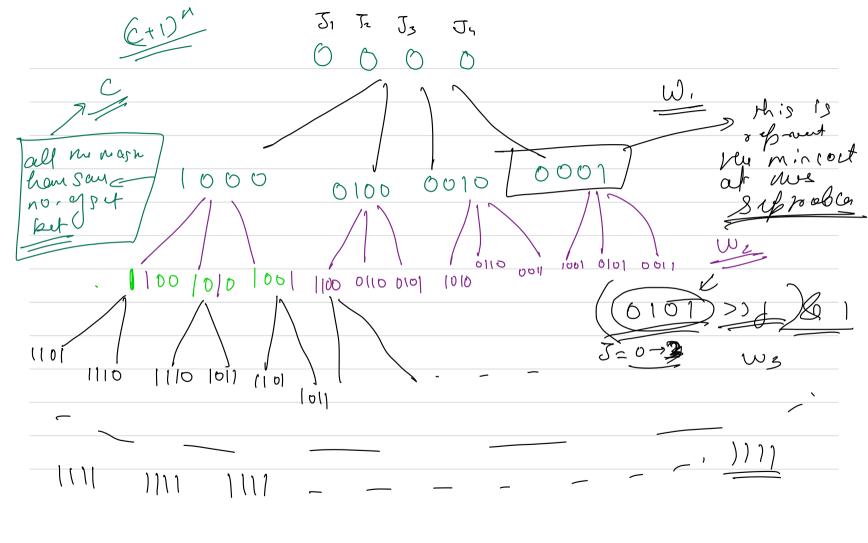


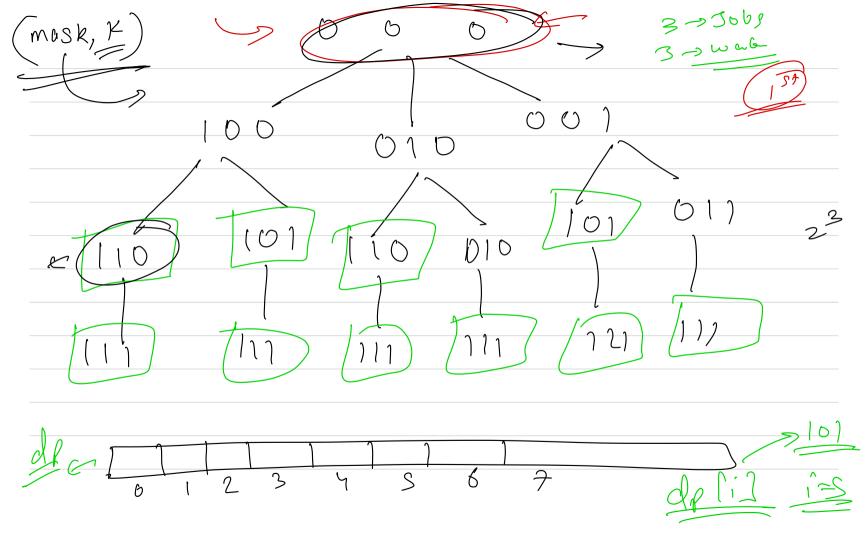
The right most but in 2 is flephed in 1/-1 De augtly hit's right is also flepped in 1. 10000 0111/

Of who Bitmasking 1) n Nworkers, and we have N Joke · Eachjob Can be allocated to one person be one person can only do one job. We have a NXN COST matrin - COST when Cost (i) (j) the cost repd for its waken to represents complete judob. Allocati the jobs such that 1027 is mineum.

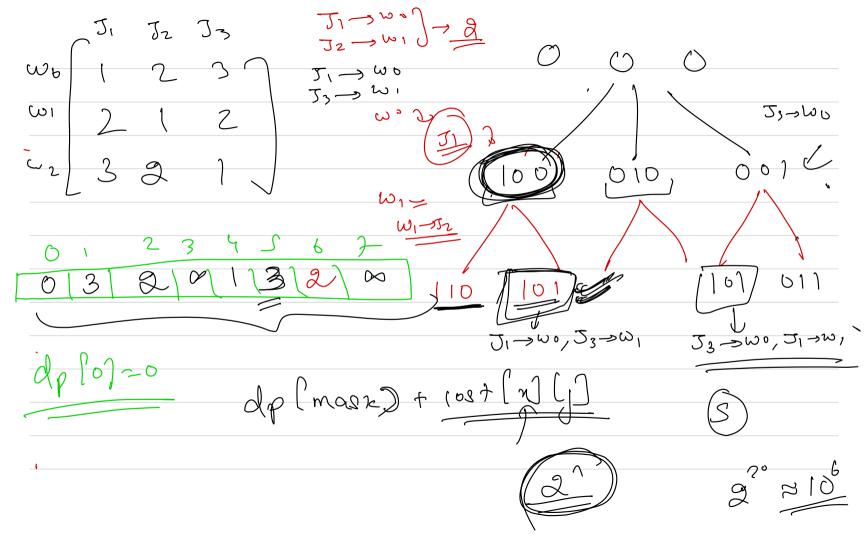








unset bet reprent unafforated auh the unset bits dp[mask | CICCJ) = min (dp[masic/Gcg]) (08+ [x][)+dp[mape]



mask - Subproblem uniquely > 5, 53 are allocated well min 10st, the next was ker uell get oftiens from mu un allo cated job

