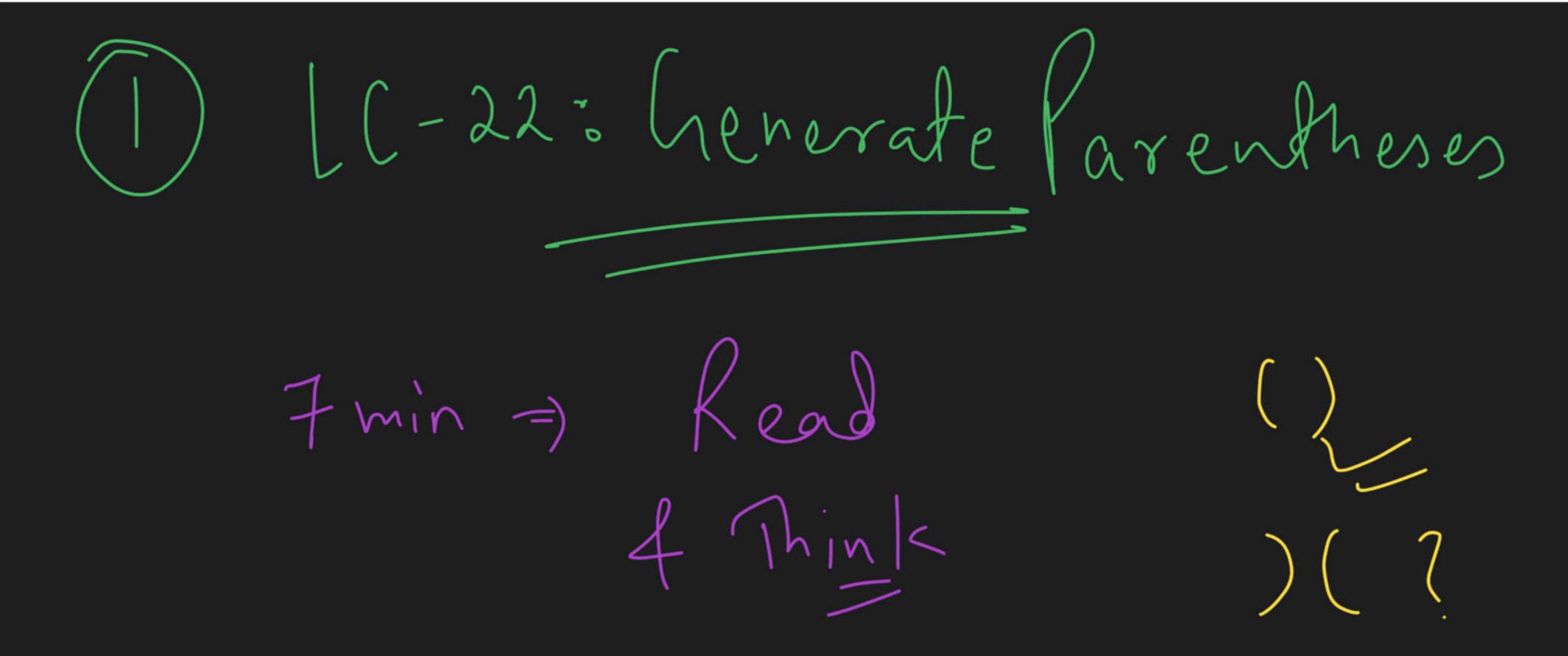


## Mega Class: DnC/Backtracking

Special class



(1) Tay: Valid -> track (2) Yash: Open'('se start 3) Mukenh: Track Open & Close Court. -) Restricted R E

70+d=4 0pm -0 N = 2 [1se = 0 -,0,0 1) open < N Gopen Call B.(-) Open+cluse (2) cluse coren Lychosecall ((,2,0) (),1,1()(,2,1 [(1),2,1] 
 ≠ [(()),2,2]

(()),2,2]

1) if (0+ <== 2r) out = ()( > // store out string (8ethrh) if ( 2 < n ) = (L' -> pmh RE(opensi, lluse) if (<< 0) ((()) )'-> pmh (2) (()(J) R E (0, C+1)

(2) [[240: Search a 21) Matrin-II TRYBOS 5 min : Read itetative Think find hovement to Row or col

(3) Combinations LC=77. 5 min -> Read A Think

$$\begin{bmatrix} 1, 2 - - - & - & - \\ 1, 2 \end{bmatrix} = \begin{bmatrix} 2 & 1 \end{bmatrix}$$

(um>) 5 h = i H / = 1 2 3 3/14 I'll form (0,4) (0,5) Combi. in It. B( > // ( |c == 0) =) (Start == N) ( ars. push ((nw)) 1) if ( | ==0) \ N = 5 //stre / (hw R { ( |<-1, (1) 135 34 Main L> R[(k,1)

ハノハー

(4) LC = 79, Word Search Smin 1) Think & Read

B.C if (xow < 0 | | xow > = B.size() { 1| col < 0 | | (ol > = B[o].size()) } [3[row](ol) | = word [i] }

har printing

se start

Visited -) 2 1) matring

Board to visit

0) if i = = word. 11201)
redom true; AB ((ED O JANA E XXXXXI SCELATS 2 ATE Word[i] 2) Visited Mark. - == B[v][c] (3) R. E ( rowt, col, it)/Down (4) unvisited Mark =)(3100 2800) E 300) -> Base

N-Queens -III. -> | Chud Krna hai Hint -) use N-Queens-I Solution as it is to Count.

(6) L(=) 473: Matchsticks to Square

Back at 64:52 PM 5 -> Think 4
Read

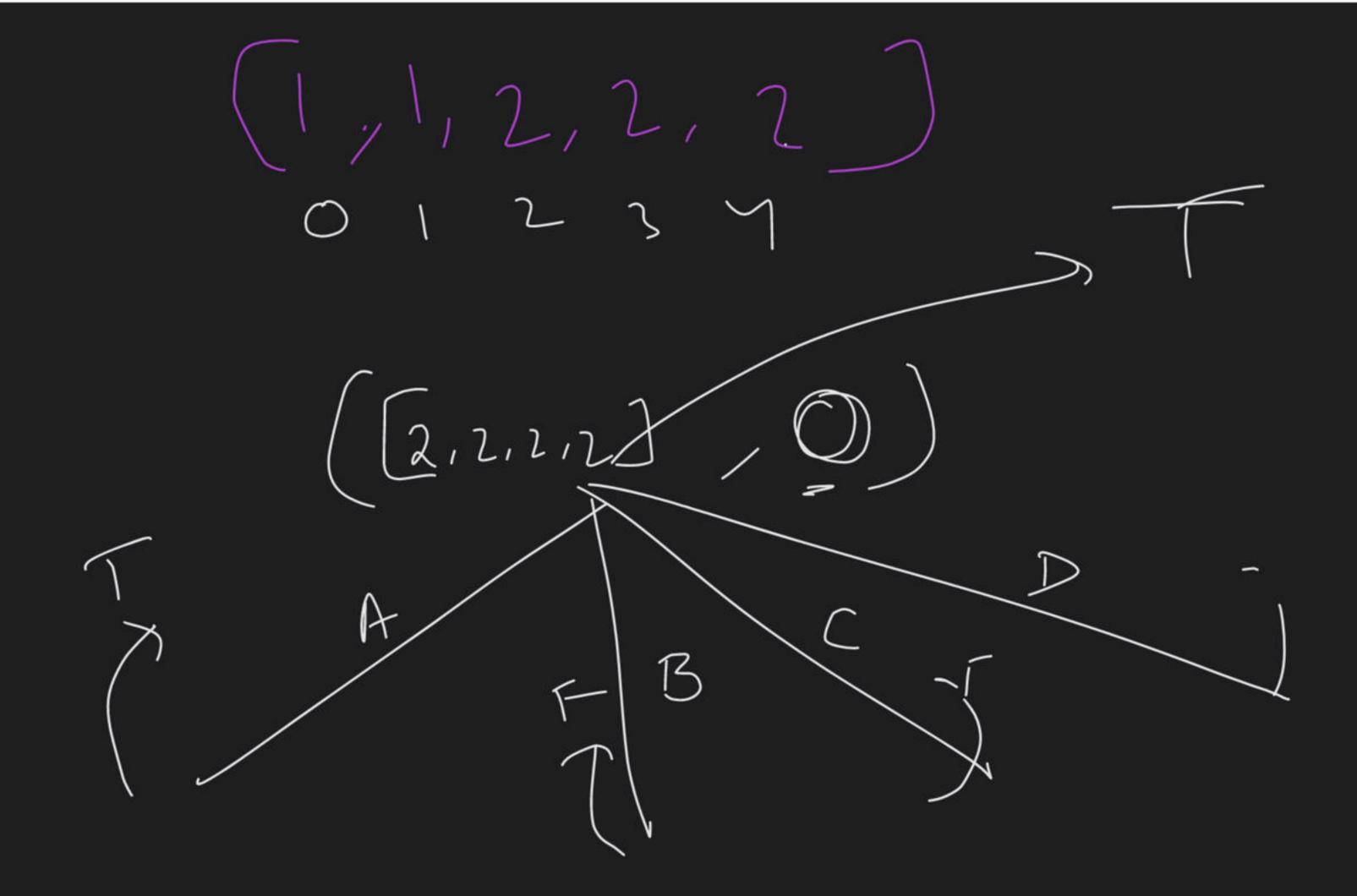
1,1,2,2,2) Sides = 4 All sides are of Equal length I carmake Square if I can divide My away into 4 equal subsets.

array. Length < 4 -3  $\left[2,2,2\right]$ Ritm false. (2) (Sum °/04 1=0) => Sum not dushby 4 Return fake Side Sum = Sum/4)  $\left(3\right)$ 4 subsets with sum equal to sidesum Try to divide array into

=) soiden (mray =) [sidesm, Ss, Ss, Ss]

A B

include | Exchs at the end ->



[1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1] 29,29,29 29-102 - Ve

