

Recursion Concepts & Qns ...

Motivation (भाषण) ...



एक बार मेरे साथ
मेहनत करके तो
देखो,
सचा सकते हैं
हमलोग।

”

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Permutations

All Subscriptions Class 11 content Class 10 content li leetcode Leetcode Combinations Statistics Vs combinations

BACKTRACKING BEGINNER BHI HO TO SAMAJH JAOG FOR SURE.....
 BACKTRACKING KA **KHANDANI** TEMPLATE
 • EASIEST EXPLANATION WITH EXAMPLE
 • DRY RUN + RECURSIVE TREE
 • STORY TO CODE

Why only For Loop ???

LEETCODE-46

PERMUTATIONS

36:36

Permutations | INTUITIVE | Backtracking Template | Two Ways | Similar Problems | Leetcod
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Company :- Google

47. Permutations II

Medium

Topics

Companies

Given a collection of numbers, `nums`, that might **contain duplicates** return all possible unique permutations *in any order*.

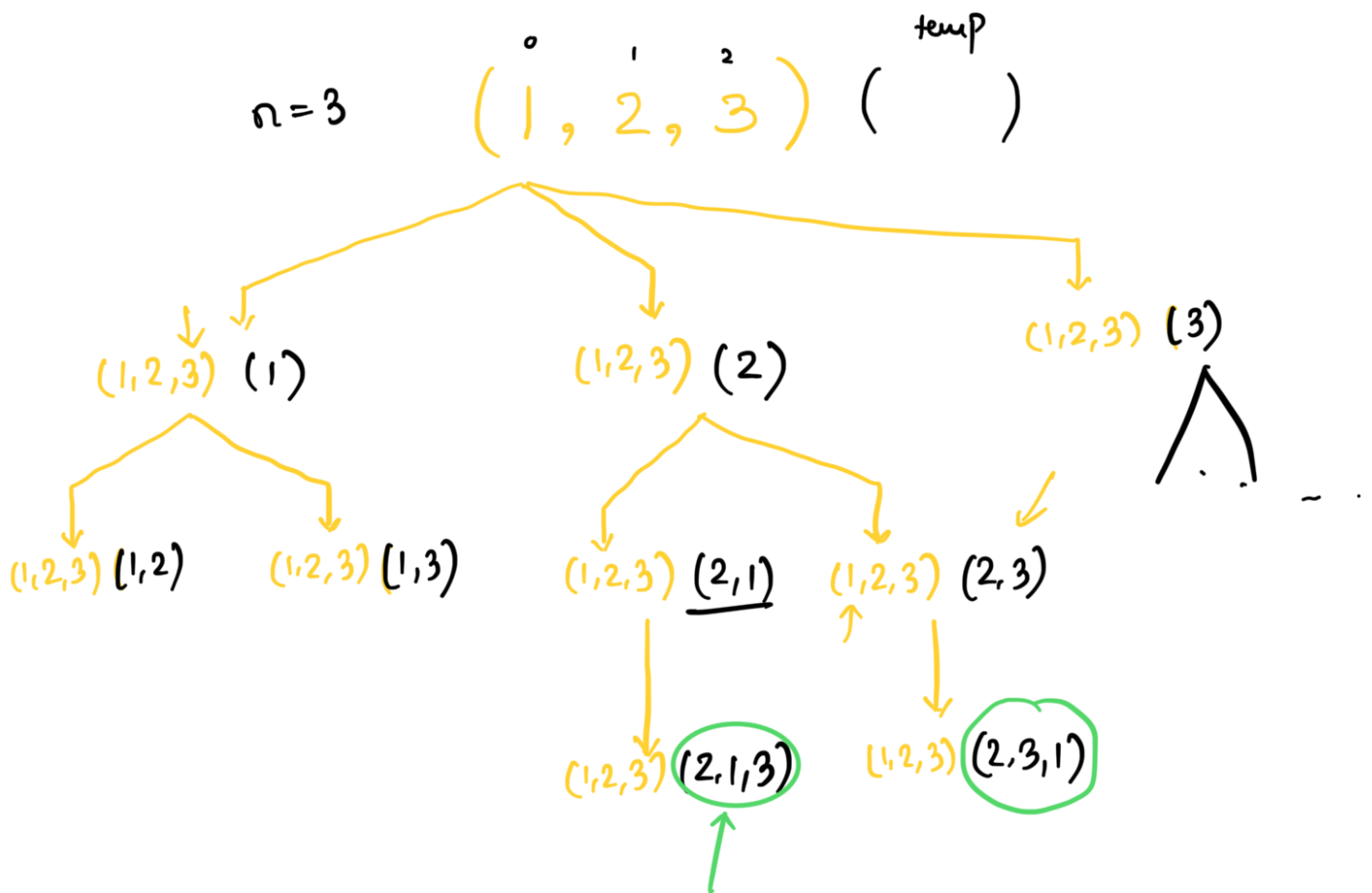
Example :- $nums = [1, 1, 2]$

Output = $\{(1, 1, 2), (1, 2, 1), (2, 1, 1)\}$

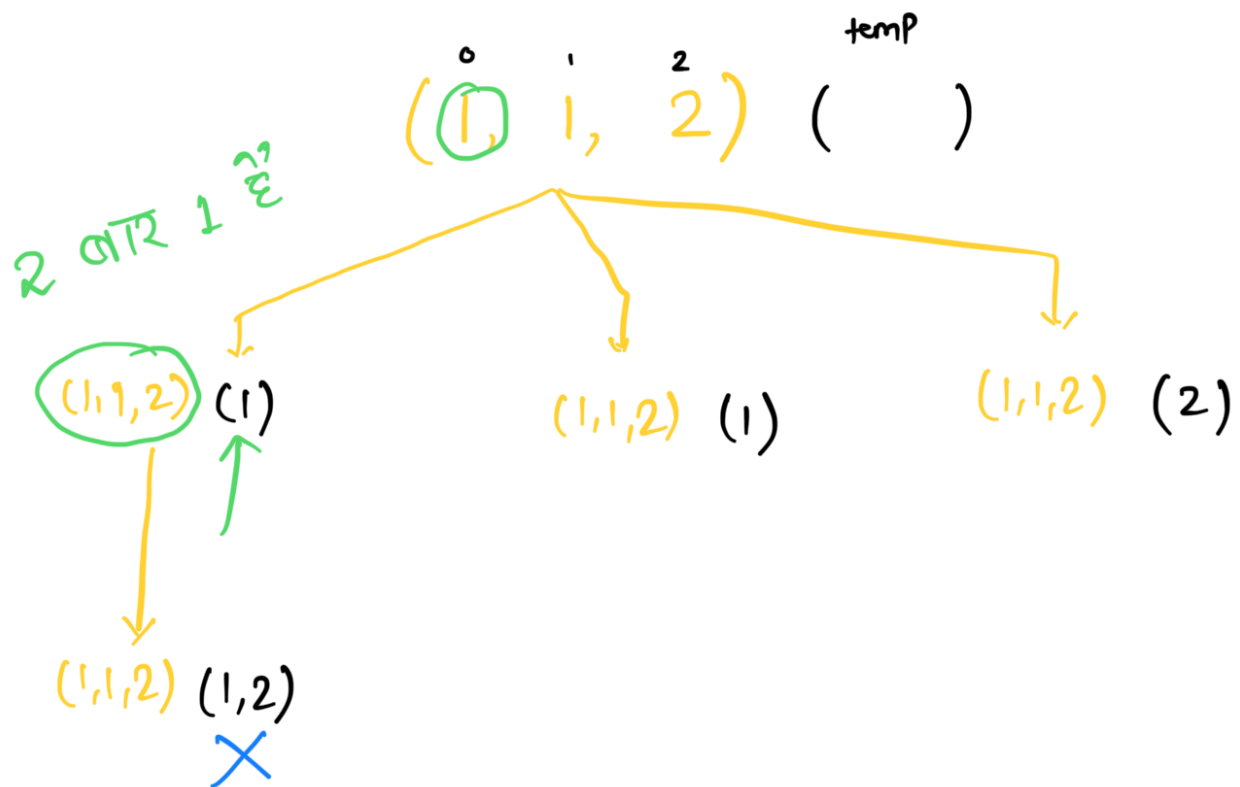
Why solving it with same method as
"Permutations-I" will give WRONG result

???

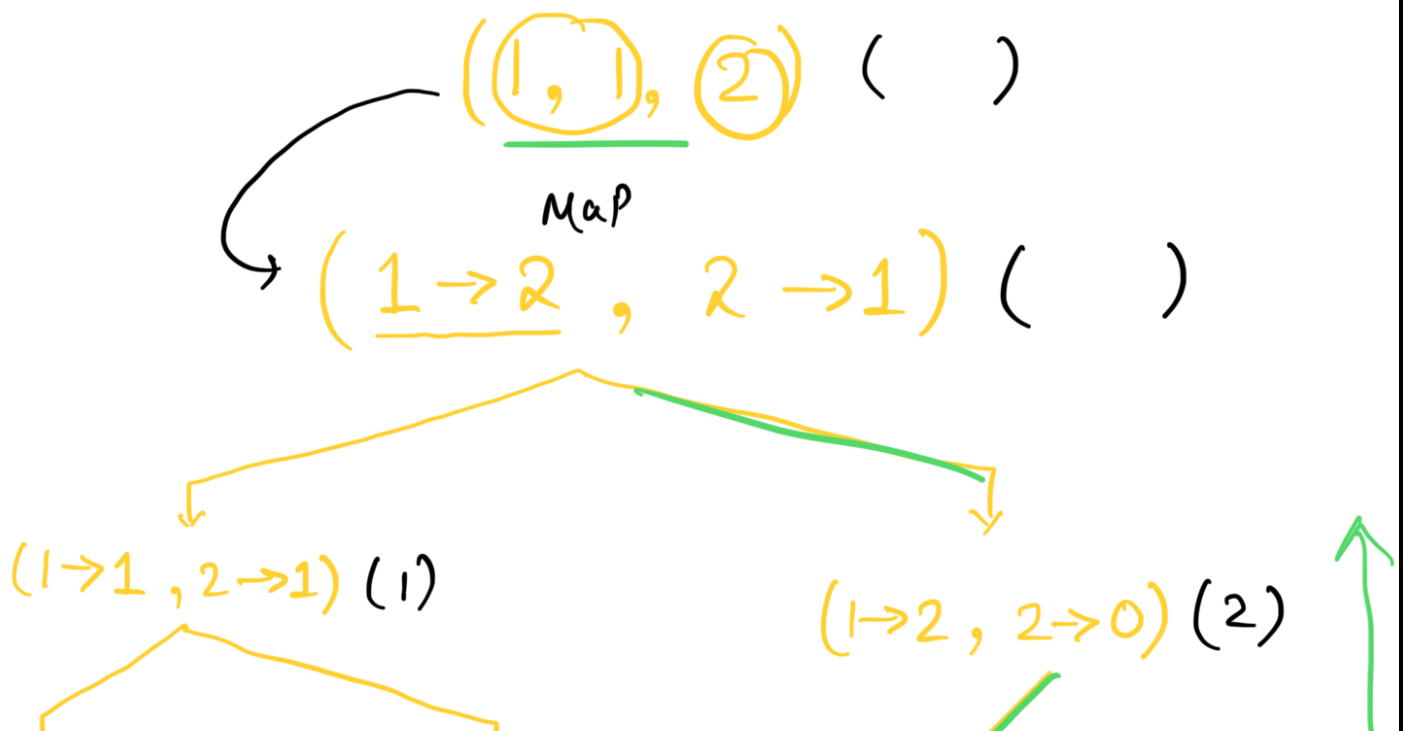
Recall approach-1 of Permutations-I

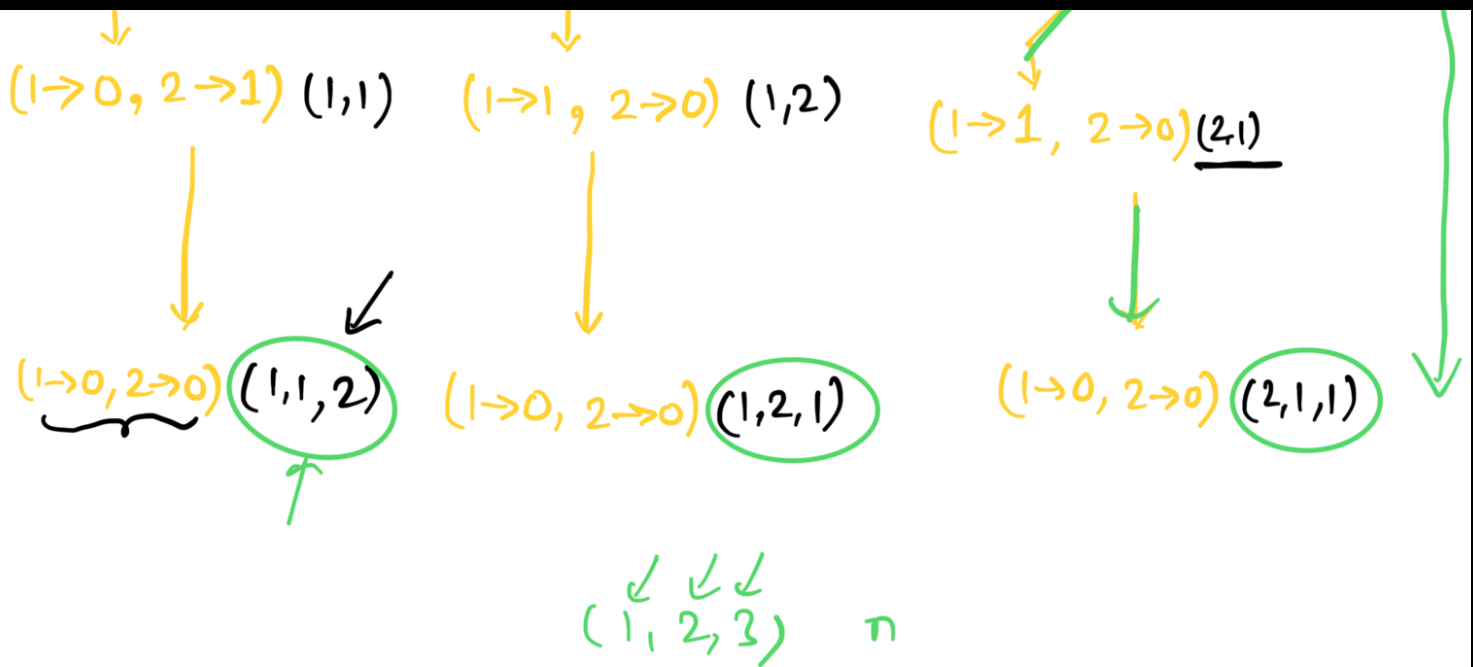


÷ Trying same approach for Permⁿ-II



Approach-1...





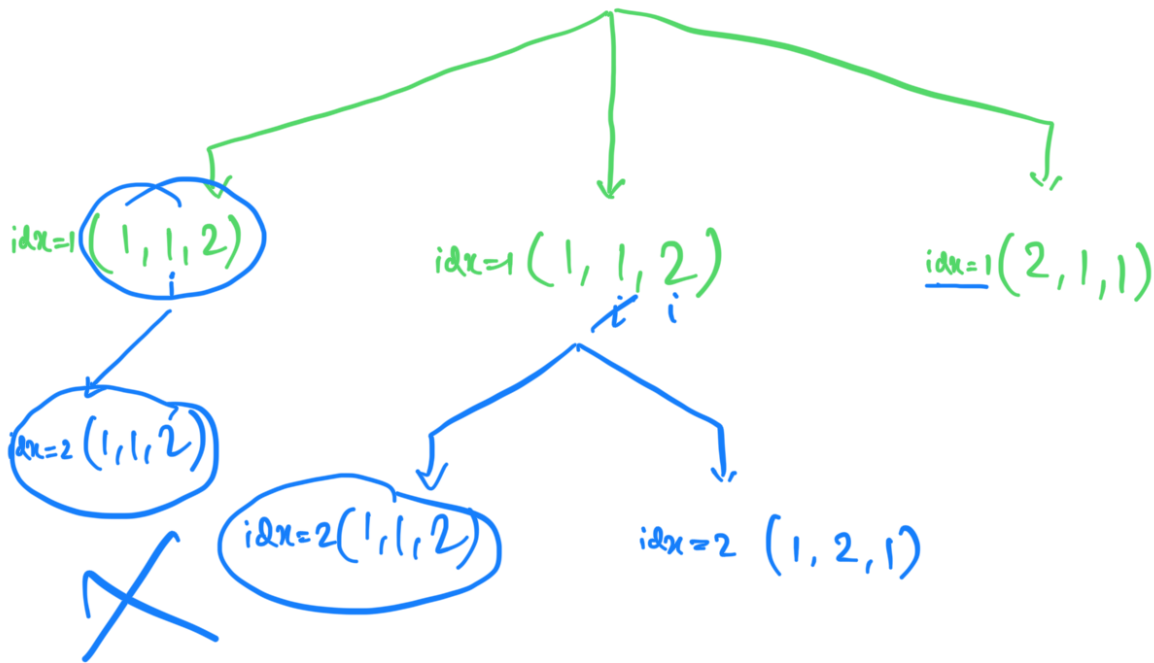
$$T.C = O(n! * n)$$

$$S.C = O(n) \rightarrow \text{Auxiliary space}$$

$$O(n) \rightarrow \text{Recursion stack space}$$

Approach - 2

Why solving it with same method as "Permutations-I" will give WRONG result



Correct Approach-2 for Permut-II

