Problem 491: Non-decreasing Subsequences

Problem Information

Difficulty: Medium
Acceptance Rate: 62.19%
Paid Only: No
Tags: Array, Hash Table, Backtracking, Bit Manipulation

Problem Description

Given an integer array `nums`, return _all the different possible non- decreasing subsequences of the given array with at least two elements_. You may return the answer in **any order**.

Example 1:

Input: nums = [4,6,7,7] **Output:** [[4,6],[4,6,7],[4,6,7,7],[4,7],[4,7,7],[6,7],[6,7,7],[7,7]]

Example 2:

Input: nums = [4,4,3,2,1] **Output:** [[4,4]]

Constraints:

* `1 <= nums.length <= 15` * `-100 <= nums[i] <= 100`

Code Snippets

C++:

```
class Solution {
public:
vector<vector<int>> findSubsequences(vector<int>& nums) {

}
```

```
};
```

Java:

```
class Solution {
public List<List<Integer>> findSubsequences(int[] nums) {

}
}
```

Python3:

```
class Solution:
def findSubsequences(self, nums: List[int]) -> List[List[int]]:
```