


90. Subsets II

Solved 

Medium

 Topics

 Companies

Given an integer array `nums` that may contain duplicates, return *all possible subsets* (the power set).

The solution set **must not** contain duplicate subsets. Return the solution in **any order**.

Example 1:

Input: `nums = [1,2,2]`

Output: `[[], [1], [1,2], [1,2,2], [2], [2,2]]`

Example 2:

Input: `nums = [0]`

Output: `[[], [0]]`

Code

```
class Solution {
    func subsetsWithDup(_ nums: [Int]) -> [[Int]] {
        var nums = nums.sorted()
        var res = [[Int]]()
        var slate = [Int]()
        helper(&nums, 0, &slate, &res)
        return res
    }

    func helper(_ nums: inout [Int], _ i: Int, _ slate: inout [Int], _ res:
inout [[Int]]) {
        res.append(slate)
```

```
for j in i..<nums.count {  
    if j != i && nums[j] == nums[j-1] {  
        continue  
    }  
    slate.append(nums[j])  
    print(slate)  
    helper(&nums, j+1, &slate, &res)  
    slate.popLast()  
}  
}
```