

@LeetCode

Given a set of **distinct** integers, *nums*, return all possible subsets (the power set).

Note: The solution set must not contain duplicate subsets.

Example:

Input: `nums = [1,2,3]`

Output:

```
[  
  [3],  
  [1],  
  [2],  
  [1,2,3],  
  [1,3],  
  [2,3],  
  [1,2],  
  []  
]
```