모든 부분 집합을 리턴하라.

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

1.dfs
```python
class Solution:
    def subsets(self, nums: List[int]) -> List[List[int]]:
        def dfs(index, path):
            result.append(path)
            for i in range(index, len(nums)):
                dfs(i + 1, path + [nums[i]])

        result = []
        dfs(0, [])
        return result
```

2.itertools.combinations
```python
import itertools

class Solution:
    def subsets(self, nums: List[int]) -> List[List[int]]:
        result = []
        for n in range(len(nums) + 1):
            for c in itertools.combinations(nums, n):
                result.append(list(c))
        return result
```