숫자 집합 candidates를 조합하여 합이 target이 되는 원소를 나열하라. 각 원소는 중복으로 나열 가능하다.

Input: candidates = [2,3,6,7], target = 7
Output: [[2,2,3],[7]]

1.dfs
```python
class Solution:
    def combinationSum(self, candidates: List[int], target: int) -> List[List[int]]:
        def dfs(cur, nex):
            _sum = sum(cur)
            if _sum > target:
                return
            elif _sum == target:
                result.add(tuple(sorted(cur)))
                return
            for i, n in enumerate(nex):
                _cur = cur[:]
                _cur.append(n)
                dfs(_cur, nex)

        result = set()
        dfs([], candidates)
        return [list(r) for r in result]
```

```python
class Solution:
    def combinationSum(self, candidates: List[int], target: int) -> List[List[int]]:
        def dfs(csum, index, path):
            if csum < 0:
                return
            if csum == 0:
                result.append(path)
                return
            for i in range(index, len(candidates)):
                dfs(csum - candidates[i], i, path + [candidates[i]])

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