



Код:

```
using System;
using System.Collections.Generic;
public class Solution
{
```

```
public IList<IList<int>> CombinationSum(int[] candidates, int target)
        var results = new List<IList<int>>();
        Array.Sort(candidates);
        FindCombinations(candidates, target, 0, new List<int>(), results);
        return results;
    private void FindCombinations(int[] candidates, int target, int start, List<int>
current, List<IList<int>> results)
        if (target == 0)
            results.Add(new List<int>(current));
            return;
        }
        for (int i = start; i < candidates.Length; i++)</pre>
            if (candidates[i] > target)
            {
                break;
            current.Add(candidates[i]);
            FindCombinations(candidates, target - candidates[i], i, current,
results);
            current.RemoveAt(current.Count - 1);
        }
    }
}
```