

```

package Combination;

import java.util.ArrayList;
import java.util.Arrays;
import java.util.List;

public class GroceryCombinations {

    public static void main(String[] args) {
        int[] prices = {20, 10, 60, 40, 30, 200, 250};
        int K = 20;

        List<List<Integer>> combinations = findGroceryCombinations(prices,
K);
        System.out.println(combinations);
    }

    public static List<List<Integer>> findGroceryCombinations(int[] prices,
int K) {
        process
        Arrays.sort(prices); // Sort the prices to optimize the combination
        List<List<Integer>> result = new ArrayList<>();
        List<Integer> currentCombination = new ArrayList<>();

        findCombination(prices, K, 0, currentCombination, result);

        return result;
    }

    public static void findCombination(int[] prices, int remainingAmount,
int start, List<Integer> currentCombination, List<List<Integer>> result) {
        if (remainingAmount == 0) {
            result.add(new ArrayList<>(currentCombination));
            return;
        }

        for (int i = start; i < prices.length; i++) {
            int price = prices[i];
            if (price <= remainingAmount) {
                currentCombination.add(price);
                findCombination(prices, remainingAmount - price, i,
currentCombination, result);
                currentCombination.remove(currentCombination.size() - 1);
            }
        }
    }
}
[[10, 10], [20]]

```