Problem 1196: How Many Apples Can You Put into the Basket

Problem Information

Difficulty: Easy
Acceptance Rate: 66.99%
Paid Only: Yes
Tags: Array, Greedy, Sorting

Problem Description

You have some apples and a basket that can carry up to `5000` units of weight.

Given an integer array `weight` where `weight[i]` is the weight of the `ith` apple, return _the maximum number of apples you can put in the basket_.

Example 1:

Input: weight = [100,200,150,1000] **Output:** 4 **Explanation:** All 4 apples can be carried by the basket since their sum of weights is 1450.

Example 2:

Input: weight = [900,950,800,1000,700,800] **Output:** 5 **Explanation:** The sum of weights of the 6 apples exceeds 5000 so we choose any 5 of them.

Constraints:

* `1 <= weight.length <= 103` * `1 <= weight[i] <= 103`

Code Snippets

C++:

```
class Solution {
public:
int maxNumberOfApples(vector<int>& weight) {


}
};
```

Java:

```
class Solution {
public int maxNumberOfApples(int[] weight) {


}
}
```

Python3:

```
class Solution:
def maxNumberOfApples(self, weight: List[int]) -> int:
```