

3074. Apple Redistribution into Boxes

Description

You are given an array `apple` of size `n` and an array `capacity` of size `m`.

There are `n` packs where the `ith` pack contains `apple[i]` apples. There are `m` boxes as well, and the `ith` box has a capacity of `capacity[i]` apples.

Return *the minimum number of boxes you need to select to redistribute these `n` packs of apples into boxes*.

Note that, apples from the same pack can be distributed into different boxes.

Example 1:

Input: `apple = [1,3,2]`, `capacity = [4,3,1,5,2]`

Output: 2

Explanation: We will use boxes with capacities 4 and 5.

It is possible to distribute the apples as the total capacity is greater than or equal to the total number of apples.

Example 2:

Input: `apple = [5,5,5]`, `capacity = [2,4,2,7]`

Output: 4

Explanation: We will need to use all the boxes.

Constraints:

- `1 <= n == apple.length <= 50`
- `1 <= m == capacity.length <= 50`
- `1 <= apple[i], capacity[i] <= 50`
- The input is generated such that it's possible to redistribute packs of apples into boxes.

