

885. Boats to Save People

The i -th person has weight `people[i]`, and each boat can carry a maximum weight of `limit`.

Each boat carries at most 2 people at the same time, provided the sum of the weight of those people is at most `limit`.

Return the minimum number of boats to carry every given person. (It is guaranteed each person can be carried by a boat.)

Example 1:

Input: `people = [1,2], limit = 3`

Output: 1

Explanation: 1 boat (1, 2)

Example 2:

Input: `people = [3,2,2,1], limit = 3`

Output: 3

Explanation: 3 boats (1, 2), (2) and (3)

Example 3:

Input: `people = [3,5,3,4], limit = 5`

Output: 4

Explanation: 4 boats (3), (3), (4), (5)

Note:

- `1 <= people.length <= 50000`
- `1 <= people[i] <= limit <= 30000`