

881. Boats to Save People

Medium

 Topics

 Companies

You are given an array `people` where `people[i]` is the weight of the i^{th} person, and an **infinite number of boats** where each boat can carry **at most** `limit` weight. Return *the minimum number of boats to carry every given person*.

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)

Constraints:

- $1 \leq \text{people.length} \leq 5 * 10^4$
- $1 \leq \text{people}[i] \leq \text{limit} \leq 3 * 10^4$

Seen this question in a real interview before? 1/4

☒ Yes ☐ No

Accepted **279.8K** Submissions **495.5K** Acceptance Rate **56.5%**

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 Discussion (63)