

2244. Minimum Rounds to Complete All Tasks

Description

You are given a **0-indexed** integer array `tasks`, where `tasks[i]` represents the difficulty level of a task. In each round, you can complete either 2 or 3 tasks of the **same difficulty level**.

Return *the minimum rounds required to complete all the tasks, or -1 if it is not possible to complete all the tasks.*

Example 1:

Input: `tasks = [2,2,3,3,2,4,4,4,4,4]`

Output: 4

Explanation: To complete all the tasks, a possible plan is:

- In the first round, you complete 3 tasks of difficulty level 2.
- In the second round, you complete 2 tasks of difficulty level 3.
- In the third round, you complete 3 tasks of difficulty level 4.
- In the fourth round, you complete 2 tasks of difficulty level 4.

It can be shown that all the tasks cannot be completed in fewer than 4 rounds, so the answer is 4.

Example 2:

Input: `tasks = [2,3,3]`

Output: -1

Explanation: There is only 1 task of difficulty level 2, but in each round, you can only complete either 2 or 3 tasks of the same difficulty level. Hence, you cannot complete all the tasks, and the answer is -1.

Constraints:

- $1 \leq \text{tasks.length} \leq 10^5$
- $1 \leq \text{tasks}[i] \leq 10^9$

