There are n projects numbered from 0 to n - 1. You are given an integer array milestones where each milestones[i] denotes the number of milestones the ith project has.

You can work on the projects following these two rules:

* Every week, you will finish **exactly one** milestone of **one** project. You **must** work every week.
* You **cannot** work on two milestones from the same project for two **consecutive** weeks.

Once all the milestones of all the projects are finished, or if the only milestones that you can work on will cause you to violate the above rules, you will **stop working**. Note that you may not be able to finish every project's milestones due to these constraints.

Return *the****maximum****number of weeks you would be able to work on the projects without violating the rules mentioned above*.

**Example 1:**

**Input:** milestones = [1,2,3]

**Output:** 6

**Explanation:** One possible scenario is:

​​​​- During the 1st week, you will work on a milestone of project 0.

- During the 2nd week, you will work on a milestone of project 2.

- During the 3rd week, you will work on a milestone of project 1.

- During the 4th week, you will work on a milestone of project 2.

- During the 5th week, you will work on a milestone of project 1.

- During the 6th week, you will work on a milestone of project 2.

The total number of weeks is 6.

**Example 2:**

**Input:** milestones = [5,2,1]

**Output:** 7

**Explanation:** One possible scenario is:

- During the 1st week, you will work on a milestone of project 0.

- During the 2nd week, you will work on a milestone of project 1.

- During the 3rd week, you will work on a milestone of project 0.

- During the 4th week, you will work on a milestone of project 1.

- During the 5th week, you will work on a milestone of project 0.

- During the 6th week, you will work on a milestone of project 2.

- During the 7th week, you will work on a milestone of project 0.

The total number of weeks is 7.

Note that you cannot work on the last milestone of project 0 on 8th week because it would violate the rules.

Thus, one milestone in project 0 will remain unfinished.

**Constraints:**

* n == milestones.length
* 1 <= n <= 105
* 1 <= milestones[i] <= 109