2365. Task Scheduler II

Description

You are given a **0-indexed** array of positive integers `tasks`, representing tasks that need to be completed **in order**, where `tasks[i]` represents the **type** of the `i th` task.

You are also given a positive integer `space`, which represents the **minimum** number of days that must pass **after** the completion of a task before another task of the **same** type can be performed.

Each day, until all tasks have been completed, you must either:

- Complete the next task from `tasks`, or
- Take a break.

Return *the **minimum** number of days needed to complete all tasks*.

Example 1:

```
Input: tasks = [1,2,1,2,3,1], space = 3
Output: 9
Explanation:
One way to complete all tasks in 9 days is as follows:
Day 1: Complete the 0th task.
Day 2: Complete the 1st task.
Day 3: Take a break.
Day 4: Take a break.
Day 5: Complete the 2nd task.
Day 6: Complete the 3rd task.
Day 7: Take a break.
Day 8: Complete the 4th task.
Day 9: Complete the 5th task.
It can be shown that the tasks cannot be completed in less than 9 days.
```

Example 2:

```
Input: tasks = [5,8,8,5], space = 2
Output: 6
Explanation:
One way to complete all tasks in 6 days is as follows:
Day 1: Complete the 0th task.
Day 2: Complete the 1st task.
Day 3: Take a break.
Day 4: Take a break.
Day 5: Complete the 2nd task.
Day 6: Complete the 3rd task.
It can be shown that the tasks cannot be completed in less than 6 days.
```

Constraints:

- `1 <= tasks.length <= 10^5`
- `1 <= tasks[i] <= 10^9`
- `1 <= space <= tasks.length`