Tripple
1 second, 256MB

You are given a list of **N** integers (1<=N<=100,000). You would like to find the number of integers each of which appears at least 3 times in the list. For example, consider the list below with **N**=15 integers:

$$1, 2, 5, 2, 3,\ \ 5, 1, 1, 1, 5,\ \ 6, 3, 2, 7, 10$$

Integers that appear at least 3 times are 1, 5, and 2. Thus, there are 3 integers that appear at least 3 times.

Input
The first line of the input contains an integer **N**. (1<=N<=100,000) The next **N** lines contain the list of integers, one integer per line. Each integer is at least 1 and is at most 1,000,000,000.

Output
Your program should output one integer: the number of integers that appear in the last at least 3 times.

Subtasks
- Subtask 1 (20%): N <= 100
- Subtask 2 (30%): Each integer is at most 100,000.
- Subtask 3 (50%): No additional conditions.

Example 1

Input	Output
15 1 2 5 2 3 5 1 1 1 5 6 3 2 7 10	3

Example 2

Input	Output
6 1 1 1 1 1 1	1