ICPC Assiut University Community

Newcomers Training , Do Your Best

RATING EDU API CALENDAR HELP ICPC CHALLENGE HOME TOP CATALOG CONTESTS GYM PROBLEMSET GROUPS

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

D. Counting Elements

time limit per test: 1 second memory limit per test: 256 megabytes input: standard input output: standard output

You are given an array a of n integers, count the number of element a_i in the array such that a_i+1 is also exists in the array a .

If there're duplicates in a, count them separately.

Input

The first line contains an integer $n(1 \leq n \leq 10^3)$ the number of elements in the array a

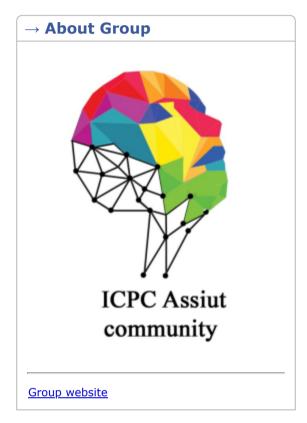
The second line contains n integers $a_i (0 \le X_i \le 10^3)$ the elements of the array a.

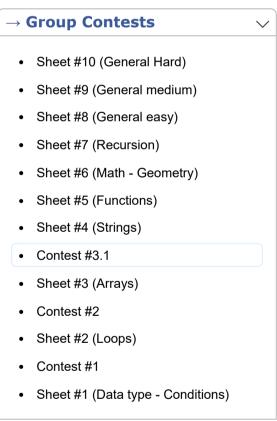
Output

output the number of elements as descriped above.

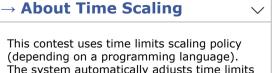


Assiut University Training -Newcomers Public Participant









The system automatically adjusts time limits by the following multipliers for some languages. Despite scaling (adjustment), the time limit cannot be more than 30 seconds. Read the details by the <u>link</u>.