

A. Count numbers

time limit per test: 1 second

memory limit per test: 256 megabytes

input: standard input

output: standard output

You have an empty array and q queries, each of them in the following format:

- 1 x : add x in the array
- 2 x : print the number of occurrence of x in the array

Input

The First line of input contains n, q ($1 \leq n, q \leq 10^5$)

The next q lines contain two integers $z(1 \leq z \leq 2), x(1 \leq x \leq n)$

Output

For each query from the second type print the occurrence of the given number.

Example

| input | Copy |
|--|------|
| 6 7 1 1 1 6 1 3 2 1 1 3 2 3 2 5 | |
| output | Copy |
| 1 2 0 | |

ICPC Assiut University Training - Standard - Juniors Phase 1

| |
|---|
| Public |
| Participant |
|  |

→ Group Contests

- Standard #5 (Bits , bit-masking)
- Standard #4 (Binary search , two pointers)
- Standard #3 (set , sorting, compare function , map)
- Standard #2 (binary search , stack , queue, deque , priority queue)
- Standard #1 (Frequency , prefix sum , vector , pair ,struct)

Standard #1 (Frequency , prefix sum , vector , pair ,struct).

| |
|---|
| Finished |
| Practice |
|  |

→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

→ Submit?

Language: GNU G++20 11.2.0 (64 bit, w

Choose file: Choose File No file chosen

Submit

→ Last submissions

| Submission | Time | Verdict |
|---------------------------|-------------------|-------------------------|
| 226288608 | Oct/02/2023 15:00 | Accepted |
| 226171266 | Oct/01/2023 16:55 | Accepted |
| 226171187 | Oct/01/2023 16:54 | Runtime error on test 1 |