

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

D. The first missing number

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

You have an array A of N integers.
You have to find the first integer x ($-M \leq x \leq M$) not appears in A .

Input
The first line of the input contains two integers N, M ($1 \leq M \leq 10^5$), ($1 \leq N < 2 * M$).
The next line contains N integers a_i ($-M \leq a_i \leq M$).

Output
The only line of the output contains an integer x the answer to the problem.

input	Copy
7 5 -1 4 -5 3 -2 -3 4	
output	Copy
-4	

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

Submission	Time	Verdict
226288294	Oct/02/2023 14:57	Accepted
226174929	Oct/01/2023 17:23	Accepted
226173438	Oct/01/2023 17:12	Runtime error on test 2
226173370	Oct/01/2023 17:11	Wrong answer on test 1