

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

D. two pointers

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

You are given an array A consisting of n integer numbers.

You need to print the length of the smallest subarray that its summation is greater than or equal to m .

Input

The first line of the input contains two integers n, m ($1 \leq n \leq 10^5$),($1 \leq m \leq 10^9$).

The second line of the input contains n integers A_1, A_2, \dots, A_n ($1 \leq A_i \leq 10^5$)

Output

Print a single integer l length of the smallest subarray that its summation is greater than or equal to m.

if there is no answer print -1

Example

| | |
|-------------------------------|------|
| input | Copy |
| 10 23 6 4 11 4 5 9 4 1 4 8 | |
| 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 #4 (Binary search , two pointers .)

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 |
|---------------------------|-------------------|------------------------|
| 226664639 | Oct/05/2023 01:58 | Accepted |
| 226664620 | Oct/05/2023 01:57 | Accepted |
| 226664548 | Oct/05/2023 01:55 | Wrong answer on test 5 |
| 226664457 | Oct/05/2023 01:52 | Wrong answer on test 1 |
| 226664386 | Oct/05/2023 01:50 | Wrong answer on test 1 |
| 226664351 | Oct/05/2023 01:49 | Wrong answer on test 1 |
| 226664308 | Oct/05/2023 01:48 | Wrong answer on test 2 |