PROBLEMS   SUBMIT CODE   MY SUBMISSIONS   STATUS   STANDINGS   CUSTOM INVOCATION

E. Easy-Problem

time limit per test: 1 second

memory limit per test: 256 megabytes

input: standard input

output: standard output

Given an array a consisting of n numbers, your task is to replace the numbers that are **less than or equal to 0** with the smallest positive number that exists on the **right** of its position.

it's guaranteed that the last element in the array is a positive number

Input

The first line contains an integer n $(1 \leq n \leq 10^5)$ the number of elements of the array a.

The second line contains n integers $a_i (-10^9 \leq a_i \leq 10^9)$ the elements of the array

Output

Only one line contains n numbers, the elements of the array A after doing the operations mentioned above.

Example

input	Copy
5 1 -2 1 -5 2	
output	Copy
1 1 1 2 2	

ICPC Assiut Advanced Newcomers 2023

Private

Participant

⭐

→ Group Contests   ⌄

- ICPC Assiut Advanced Newcomers 2023 Contest 5
- ICPC Assiut Advanced Newcomers 2023 Contest 4
- ICPC Assiut Advanced Newcomers 2023 Contest 3
- ICPC Assiut Advanced Newcomers Practice #1
- ICPC Assiut Advanced Newcomers 2023 Contest 2
- ICPC Assiut Advanced Newcomers 2023 Onsite Contest 2
- ICPC Assiut Advanced Newcomers 2023 Contest 1
- ICPC Assiut Advanced Newcomers 2023 Onsite Contest 1

ICPC Assiut Advanced Newcomers 2023 Onsite Contest 2

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
216210429	Jul/29/2023 13:50	Accepted
216210351	Jul/29/2023 13:49	Accepted
216209541	Jul/29/2023 13:42	Accepted