

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

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

## B. Sort

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

Given an integer array a of length  $1 \leq n \leq 10^5$  , implement an efficient algorithm that sorts it.

## Input

The first line of the input contains an integer n, the length of the array. The next line contains n integers  $a_1, a_2, ..., a_n$ , elements of array a. It is guaranteed that each  $a_i$  satisfies  $0 \le a_i \le 100000$ .

## Output

Print one line containing n numbers representing elements of array a sorted in non-decreasing order.

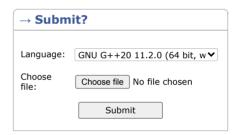
## Example











→ Last submissions		
Submission	Time	Verdict
144785146	Feb/01/2022 01:45	Accepted
144784972	Feb/01/2022 01:37	Accepted
144784953	Feb/01/2022 01:36	Compilation error
144603314	Jan/31/2022 02:12	Accepted
144603216	Jan/31/2022 02:06	Accepted
144603177	Jan/31/2022 02:04	Wrong answer on test 5
144603016	Jan/31/2022 01:55	Accepted
144602058	Jan/31/2022 01:02	Time limit exceeded on test 4
144601987	Jan/31/2022 00:58	Time limit exceeded on test 4
144601888	Jan/31/2022 00:54	Time limit exceeded on test

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