

List Minimum (Easy)

Time limit: 0.5s	Memory limit: 3M
C#: 0.75s	C#: 28M
Haskell: 1.0s	Haskell: 6M
Java: 0.6s	Python: 12M
Python: 1.0s	

Brute Force Practice 1 — Easy Version

Given a permutation of the integers $1, 2, \dots, N$, output the permutation after it has been sorted.

Input Specification

The first line will contain the integer N ($1 \leq N \leq 10^6$).

The next line will contain N integers, a permutation of the integers $1, 2, \dots, N$.

Output Specification

The sorted permutation on a single line.

Sample Input

```
3
2 1 3
```

Sample Output

```
1 2 3
```