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Heights

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Problem Statement

You are given the heights of N people who are standing in a line. The ith person wants to know who had the greatest height among the people before and after him. The first person has no one before him, and the last person has no one after him. In that case, you $\quad \text{must print } \mathbf{-1}.$

Input Format

- First line will contain N.
- ullet Second line will contain an array H which are the heights of ith person. Here $0 \leq i < N$

Constraints

- 1. $1 \le N \le 10^5$
- 2. $0 \le H_i \le 10^9$

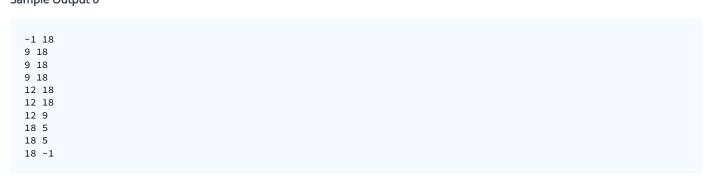
Output Format

• For the *ith* person, the first value denotes the greatest height of people before him, and the second value denotes the greatest height of people after him.

Sample Input 0

```
9 1 3 12 7 6 18 9 2 5
```

Sample Output 0





Contest ends in 2 hours 7 minutes 37 seconds

Submissions: 9 Max Score: 1

Rate This Challenge:

More

```
C++20
  1 ▼#include <cmath>
  2
    #include <cstdio>
    #include <vector>
  4 #include <iostream>
  5 #include <algorithm>
  6 using namespace std;
  8
  9 vint main() {
  10 🔻
        /\star Enter your code here. Read input from STDIN. Print output to STDOUT \star/
        return 0;
  11
  12
    }
 13
                                                                                   Line: 1 Col: 1
Run Code
```

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