

Next Permutation	
All submissions Best submissions	
✓ Points: 100 (partial) ② Time limit: 1.0s ■ Memory limit: 32M ② Author: doncho ► Tags Arrays, Combinatorics → Difficulty Intermediate	
By provided a permutation of unique elements, you task is to print the next permuration	
Input	
 Read from the standard input On the first line there is the number N - the number of numbers in the permutation On the second line, there are exactly N numbers, separated by a space 	
Output	
 Print on the standard output On the single line, print the next permutation of the numbers 	
Sample tests	
Input	
3	Copy
1 2 3	

Output

Сору 1 3 2

Input

Сору 4 1 2 3

Output

Сору 4 1 3 2

Input

5 5 4 3 1 2

Output

5 4 3 2 1

Сору

Comments

There are no comments at the moment.

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