

- Description
- My Submissions
- Hints/Editorial
- AC Submissions
- My Notes (0)

Generating Permutations AZ101

? Ask Doubt

Time-Limit: 1 sec

Score: 1.00/100

Difficulty :

Memory: 256 MB

Accepted Submissions: 100

Description

You are given an integer N. You have to find all the permutations of N in lexicographic order.

Input Format

The first and only line of the input contains one integer N.

Output Format

Print all the permutations of N in lexicographic order.

Constraints

$1 \leq N \leq 10$

Sample Input 1

Copy

```
3
```

Sample Output 1

Copy

```
1 2 3
1 3 2
2 1 3
2 3 1
3 1 2
3 2 1
```

C++14[GCC] ▾



Submit

```
1
```