



String Permutations 1

 by Havan

Problem

Submissions

Leaderboard

Discussions

Generating all possible permutations of an arrangement is a popular problem in computer science, appearing in ciphers, number systems and countless other fields.

This task is fairly straightforward. Given an integer n , generate all possible permutations of the first n letters of the English alphabet, and print them out in lexicographical order.

Input Format

A single integer n , denoting the number of alphabets.

Constraints

$1 \leq n \leq 10$

Output Format

All permutations of the first n letters of the English alphabet, in lexicographical order.

Each permutation should be on a new line.

Note that for any given n , there are $n!$ such permutations.

Sample Input 0

```
1
```

Sample Output 0

```
a
```

Sample Input 1

```
3
```

Sample Output 1

```
abc
acb
bac
bca
cab
cba
```

[f](#) [t](#) [in](#)

Contest ends in an hour



Submissions: 0




Max Score: 100

Difficulty: Medium

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Java 8   

```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 public class Solution {
8
9     public static void main(String[] args) {
10         /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. */
11     }
12 }
13
```

Line: 1 Col: 1

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Test against custom input

Run Code

Submit Code

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