String Permutations 1

by Havan

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 <= n <= 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
```

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

Upload Code as File

Test against custom input

Run Code

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