



✓ Variations

Java May'19 DSA Recursion 2 - 2 days 00:01:33

You are given the task to generate all possible variations of **X** and **Y**, with length **Z**.

Input

Read from the standard input

- On the first line, find the number **Z**
- On the second line, find the numbers **X** and **Y**

Output

Print to the standard output

- Print one variation on each line
 - Ordered lexicographically

Sample tests

Input

```
3
o W
```

Copy

Output

Copy

[Submit solution](#)[My submissions](#)
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✓ **Points:** 100
(partial)
⌚ **Time limit:** 0.5s
📄 **Memory limit:**
32M
✍ **Author:**
[donchominkov](#)

🏷 **Tags**
Combinatorics,
Recursion
⬆ **Difficulty**
Easy

▼ **Allowed
languages**
java

[PROBLEMS](#)[SUBMISSIONS](#)[USERS](#)[CONTESTS](#)[ABOUT](#)HELLO, **YAVORYANKOV83**.

WoW

Woo

oWw

oWo

ooW

ooo

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Input

4

9 1

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Output

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? Clarifications

No clarifications have been made at this time.