

# A and B

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Your task is to generate all variations of **A** and **B**, with provided length **N**.

## Input

Read from the standard input

- On the first line, find the number **N**
- On the second line, find the numbers **A** and **B**

## Output

Print to the standard output

- Print one variation on each line
  - Ordered lexicographically

## Sample tests

### Input

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```
3
1 3
```

### Output

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```
111
113
131
133
311
313
331
333
```

### Input

---

```
4
7 5
```

## Output

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5555  
5557  
5575  
5577  
5755  
5757  
5775  
5777  
7555  
7557  
7575  
7577  
7755  
7757  
7775  
7777