Problem L. Echo

Time limit 2000 ms

Mem limit 1048576 kB

Problem Statement

You are given a string S of length N consisting of lowercase English letters.

We denote the i-th character of S by S_i.

Print the string of length $2N$ obtained by concatenating $S_1, S_1, S_2, S_2, \ldots, S_N$, and S_N in this order.

For example, if S is `beginner`, print `bbeeggiinnnneerr`.

Constraints

- N is an integer such that $1 \le N \le 50$.
- S is a string of length N consisting of lowercase English letters.

Input

The input is given from Standard Input in the following format:

```
N
S
```

Output

Print the answer.

Sample 1

Input	Output
8 beginner	bbeeggiinnnneerr

It is the same as the example described in the problem statement.

Sample 2

Input	Output
3 aaa	aaaaaa