Problem F2202
Learning Word 2

Two years later, when your little brother is 5 years old, he can remember more words than before, and longer words than before. It seems that he can remember all the words you told him in one seconds, but he doesn't like some part of the word. He always choose to omit middle part and reply only first l_1 characters and last l_2 characters. Today you learn a new word, and you wonder what your little brother will response to you when you tell him the new word.

Input

The input consists of 3 lines.
The first line contains the new word (all character is lower-case) with length $n(3 \leq n \leq 100)$.
The second line contains the integer $l_1(1 \leq l_1 \leq 100)$.
The third line contains the integer $l_2(1 \leq l_2 \leq 100)$.
The input guarantees that the result string is none empty.

Output

Print the word your little brother would reply to you.

Sample Input 1

```
pen
1
1
```

Sample Output 1

```
pn
```

Sample Input 2

```
restaurant
2
3
```

Sample Output 2

```
reant
```