

# Problem F1101

## Copy and Swap

Alice, Bob and Charlotte are playing a game. Initially each of them has a slip paper with a sentence written on it. They do the following instruction step by step.

Alice and Bob swapped their paper.  
Alice and Charlotte swapped their paper.  
Bob and Alice swapped their paper.  
Bob and Charlotte swapped their paper.  
Alice erased the sentence on her paper.  
Alice copied the sentence on Charlotte's paper to her paper.  
Alice and Bob swapped their paper.  
Charlotte and Bob swapped their paper.  
Charlotte and Alice swapped their paper.

After all these steps, what sentence is written on each one's paper?

### Input

The first line of the input is the sentence written on Alice's paper initially. The second line of the input is the sentence written on Bob's paper initially. The third line of the input is the sentence written on Charlotte's paper initially.

Each sentence consist of at least 1, at most 50 many words. Each word consist of at least 1, at most 20 many lower and upper case English alphabet letter. Between each two word there is a space.

### Output

Print 3 lines of sentence, the first line is the sentence that Alice has now, the second line is the sentence that Bob has now and the last line is the sentence Charlotte has now.

### Sample Input

I am Alice.  
I am Bob.  
I am Charlotte.

### Sample Output

We purposely omit the sample output.  
Just output three strings like this.  
But they must be from the given input and in the correct order.