

COCI '06 Contest 2 #2 ABC

Time limit: 1.0s **Memory limit:** 32M

You will be given three integers A , B and C . The numbers will not be given in that exact order, but we do know that A is less than B and B less than C .

In order to make for a more pleasant viewing, we want to rearrange them in the given order.

Input Specification

The first line contains three positive integers A , B and C , not necessarily in that order. All three numbers will be less than or equal to 100.

The second line contains three uppercase letters , and (with no spaces between them) representing the desired order.

Output Specification

Output the A , B and C in the desired order on a single line, separated by single spaces.

Sample Input 1

```
1 5 3
ABC
```

Sample Output 1

```
1 3 5
```

Sample Input 2

```
6 4 2
CAB
```

Sample Output 2
