## Order two Strings                                                    X95093_en

Write a program that reads several pairs of strings, and prints each pair in lexicographic order.

Recall that the comparison operator $<$ in Python is defined for strings as the lexicographic order, that is, the expression $s < t$ evaluates to `True` if $s$ is lexicographically smaller than $t$.

### Input

The input has several cases, each consisting of a pair of strings $s$ and $t$.

### Output

For each case, you have to write a line with $s$ and $t$ in lexicographical order, separated by a whitespace

### Sample input

```
hello bye
bye hello
a a
aaa aba
aba aaa
aaa aab
aab aaa
abb ba
ba abb
```

### Sample output

```
bye hello
bye hello
a a
aaa aba
aaa aba
aaa aab
aaa aab
abb ba
abb ba
```

### Problem information

Author : AP1
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