
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 1

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

Sample output 1

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

Problem information

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