

## Problem B. Swapping Two Numbers

**Time limit** 1000 ms  
**Mem limit** 131072 kB  
**OS** Linux

Write a program which reads two integers  $x$  and  $y$ , and prints them in ascending order.

### Input

The input consists of multiple datasets. Each dataset consists of two integers  $x$  and  $y$  separated by a single space.

The input ends with two 0 (when both  $x$  and  $y$  are zero). Your program should not process for these terminal symbols.

### Output

For each dataset, print  $x$  and  $y$  in ascending order in a line. Put a single space between  $x$  and  $y$ .

### Constraints

- $0 \leq x, y \leq 10000$
- the number of datasets  $\leq 3000$

### Sample Input

```
3 2
2 2
5 3
0 0
```

### Sample Output

```
2 3
2 2
3 5
```