

Problem P. Class-17 : Task-4

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 ≤ 3000

Sample Input

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

Sample Output

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