B - Swapping Two Numbers

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 ≤ *x*, *y* ≤ 10000
* the number of datasets ≤ 3000

**Sample Input**

3 2

2 2

5 3

0 0

**Sample Output**

2 3

2 2

3 5

#include <iostream>

using namespace *std*;

int main(void)

{

int x, y;

*cin* >> x >> y;

for(auto i = 0;i< 3000;i++)

{

if (x == 0 && y == 0)

break;

if (x > y)

*cout* << y << " " << x << *endl*;

else

*cout* << x << " " << y << *endl*;

*cin* >> x >> y;

}

return 0;

}