**Swap 2 numbers**

[maths](http://practice.geeksforgeeks.org/tag-page.php?tag=maths&isCmp=0)

Swap the 2 numbers and print them. (Try to do it without a temporary variable.)

**Input:**  
First line contains an integer, the number of test cases 'T'. Each test case should contain two positive numbers a and b.

**Output:**  
Print the 2 numbers after swapping.

**Constraints:**  
1<=T<=30  
1<=a<=1000  
1<=b<=1000

**Example:**  
Input:  
1  
20 30

Output:  
30 20

\*\*For More Examples Use Expected Output\*\*

<http://practice.geeksforgeeks.org/problem-page.php?level=-1&pid=229>

#include <iostream>

#include <stdio.h>

using namespace std;

int main() {

int t;

scanf("%d", &t);

int a,b;

while(t--) {

scanf("%d %d", &a, &b);

a = a + b;

b = a - b;

a = a - b;

printf("%d %d\n", a, b);

}

return 0;

}