



X — Can you add this?

Given two integers, calculate and output their sum.

Multiple Test Cases

The input contains several test cases. The first line of the input contains a positive integer $Z \leq 100$, denoting the number of test cases. Then Z test cases follow, each conforming to the format described in section *Single Instance Input*. For each test case, your program has to write an output conforming to the format described in section *Single Instance Output*.

Single Instance Input

One line containing two space separated integers x and y ($x, y \in [-10^9, 10^9]$).

Single Instance Output

For each test case, output one line containing the sum of the corresponding integers.

Example

Input	Output
4	0
-100 100	5
2 3	110101
0 110101	-999999999
-1000000000 1	