



## X - Can you add this?

Given two integers, calculate and output their sum.

### Input

The input contains several test cases. The first line contains an integer  $t$  ( $t \leq 100$ ) denoting the number of test cases. Then  $t$  tests follow, each of them consisting of two space separated integers  $x$  and  $y$  ( $-10^9 \leq x, y \leq 10^9$ ).

### Output

For each test case output the sum of the corresponding integers.

### Example

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