Test

Given two numbers *a* and *b*, find their sum.

Input

The first line of the input contains one number \mathbf{n} – the number of test cases The next \mathbf{n} lines contain two numbers \mathbf{a} and \mathbf{b} .

Output

For each test case, output the sum of *a* and *b*.

Example

input	
2	
12	
2 4	
output	
3	
6	