A Plus B

Xyene is sitting in math class, on his laptop. Clearly, he is not paying attention in this situation. However, he gets called on by his math teacher to do some problems. Since his math teacher did not expect much from **Xyene**, he only needs to do some simple addition problems. However, simple for you and I may not be simple for **Xyene**, so please help him!

Input Specification

The first line will contain an integer N ($1 \leq N \leq 100\,000$), the number of addition problems **Xyene** needs to do. The next N lines will each contain two space-separated integers whose absolute value is less than $1\,000\,000\,000$, the two integers **Xyene** needs to add.

Output Specification

Output N lines of one integer each, the solutions to the addition problems in order.

Sample Input

```
2
1 1
-1 0
```

Sample Output

```
2
-1
```