A Subtracting Problem

Time Limit: 1.0s   **Memory Limit:** 64M

You are given Q queries of the form:

- `a b` $(-10^9 \leq a, b \leq 10^9)$. This query asks for $a - b$ if $a < b$, and $b - a$ if $b \leq a$.

For each query, print out the desired answer!

Input Specification

The first line will contain the integer Q $(1 \leq Q \leq 10^5)$.

The next Q lines will each contain a query of the form defined above.

Output Specification

For each query, print the desired answer on its own line.

Sample Input

```
3
1 3
3 2
10 29
```

Sample Output

```
-2
-1
-19
```