Problem C

Hashmat the Brave Warrior

Time limit: 1 second

Memory limit: 1024 megabytes

Problem Description

Hashmat is a brave warrior who with his group of young soldiers moves from one place to another to fight against his opponents. Before Fighting he just calculates one thing, the difference between his soldier number and the opponent's soldier number. From this difference he decides whether to fight or not. Hashmat's soldier number is never greater than his opponent.

Input Format

The input contains two numbers in every line. These two numbers in each line denotes the number soldiers in Hashmat's army and his opponent's army or vice versa. The input numbers are not greater than 2^{32}. Input is terminated by 'End of File'.

Output Format

For each line of input, print the difference of number of soldiers between Hashmat's army and his opponent's army. Each output should be in seperate line.

Sample Input 1

```
10 12
10 14
100 200
```

Sample Output 1

```
2
4
100
```