

Day 58 coding Statement : Bucket Filling

Nejiya has a bucket having a capacity of K liters. It is already filled with X liters of water.

Find the maximum amount of extra water in liters that Nejiya can fill in the bucket without overflowing.

Input Format

The first line will contain T - the number of test cases. Then the test cases follow. The first and only line of each test case contains two space separated integers K and X - as mentioned in the problem.

Output Format

For each test case, output in a single line, the amount of extra water in liters that Nejiya can fill in the bucket without overflowing.

Sample Input 1

```
2
5 4
15 6
```

Sample Output 1

```
1
9
```

```
import java.util.Scanner;

public class RatanPrajapati_day58 {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);

        int T = sc.nextInt();
        while (T-- > 0) {
            int K = sc.nextInt();
            int X = sc.nextInt();

            int remaining = K - X;
            if (remaining > 0) {
                System.out.println(remaining);
            } else if (remaining == 0) {
                System.out.println("It is Already Filled");
            }
        }
    }
}
```