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 Program {
   public static void main(String[] args) {
          Scanner sc=new Scanner(System.in);
          int n=sc.nextInt();
          int[] k=new int[n];
          int[] x=new int[n];
          for(int i=0;i<n;i++) {
                k[i]=sc.nextInt();
                x[i]=sc.nextInt();
          }
          int m=0;
          for(int i=0;i<n;i++) {
```

```
                m=0;
                m+=k[i]-x[i];
                System.out.println(m);
            }
        }
    }
```