

/*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.*/

```
import java.util.*;
```

```
public class Main
```

```
{
```

```
    public static void main(String[] args) {
```

```
        Scanner sc=new Scanner(System.in);
```

```
        int n=sc.nextInt();
```

```
        int a[]=new int[n];
```

```
        int pos=0;
```

```
        while(n!=0){
```

```
            for(int i=0;i<n;i++){
```

```
                int c=sc.nextInt();
```

```
                int b=sc.nextInt();
```

```
                int res=c-b;
```

```
                a[pos]=res;
```

```
                pos++;
```

```
                n--;
```

```
            }
```

```
        }
```

```
        for(int i=0;i<pos;i++){
```

```
            System.out.println(a[i]+" ");
```

```
        }
```

```
    }
```

```
}
```