

/*Day 74 coding Statement :

You have a grid with N rows and M columns. You have two types of tiles —

one of dimensions 2×2 and the other of dimensions 1×1 . You want to cover the grid using these two types of tiles in such a way that:

Each cell of the grid is covered by exactly one tile; and

The number of 1×1 tiles used is minimized.

Find the minimum number of 1×1 tiles you have to use to fill the grid.**/

```
import java.util.*;

public class Main
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        int a1[]=new int[n];
        int pos=0;
        while(n!=0){
            int a=sc.nextInt();
            int b=sc.nextInt();

            if(a==b){
                a1[pos]=a;
                pos++;
                n--;
            }
            else if(a+1 == b){
                a1[pos]=a;
                pos++;
                n--;
            }
        }
    }
}
```

```
        else if(a == b+1){
            a1[pos]=b;
            pos++;
            n--;
        }
        else{
            a1[pos]=0;
            pos++;
            n--;
        }
    }
    for(int i=0;i<pos;i++){
        System.out.println(a1[i]);
    }
}
}
```