

# Day 4: Count Objects



## Objective

In this challenge, we learn about iterating over objects. Check the attached tutorial for more details.

## Task

Complete the function in the editor. It has one parameter: an array,  $a$ , of objects. Each object in the array has two integer properties denoted by  $x$  and  $y$ . The function must return a count of all such objects  $o$  in array  $a$  that satisfy  $o.x == o.y$ .

## Input Format

The first line contains an integer denoting  $n$ .

Each of the  $n$  subsequent lines contains two space-separated integers describing the values of  $x$  and  $y$ .

## Constraints

- $5 \leq n \leq 10$
- $1 \leq x, y \leq 100$

## Output Format

Return a count of the total number of objects  $o$  such that  $o.x == o.y$ . Locked stub code in the editor prints the returned value to STDOUT.

## Sample Input 0

```
5
1 1
2 3
3 3
3 4
4 5
```

## Sample Output 0

```
2
```

## Explanation 0

There are  $n = 5$  objects in the *objects* array:

- $objects_0 = \{x: 1, y: 1\}$
- $objects_1 = \{x: 2, y: 3\}$
- $objects_2 = \{x: 3, y: 3\}$
- $objects_3 = \{x: 3, y: 4\}$
- $objects_4 = \{x: 4, y: 5\}$

Because we have two objects  $o$  that satisfy  $o.x == o.y$  (i.e.,  $objects_0$  and  $objects_2$ ), we return **2** as our answer.