# **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  $o \cdot x == o \cdot y$ .

#### **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.

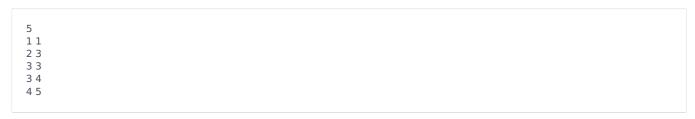
# **Constraints**

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

# **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



# **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.