

# Count right angle triangles

You are given  $n$  points in a 2D plane. You are asked these an inherently simple questions about them.

You have to find out number of right angle triangles (having base and height parallel to axis) with the property that length of base and height is same.

## Input

First Line will  $n$ : number of points. ( $n \leq 10^5$ ).

For next  $n$  lines each line will contain two integers  $x$  and  $y$ . ( $-10^8 \leq x, y \leq 10^8$ ).

## Output

You have to output a single line containing the answer to question.

## Example

**Input:**

```
5
0 0
1 0
2 0
0 1
0 2
```

**Output:**

```
2
```