

# Namesake

Jojo's father is a principal in a local high school. He wants to create a database for the school. Since he is not familiar with any programming language, he has asked you help him. However, since the school has many students, there might be some students who have the same first and last name. He wants you to figure out, how many pairs of students have the same first and last name?

#### Format Input

A single line with an integer N denoting the number of students followed by N lines each containing two space-seperated strings S and T. String S and T represent the first name and last name of the student, respectively. It is guaranteed that the name consists of only lower case alphabets.

### Format Output

A single line with an integer denoting the number of pairs of students who have the same first and last name.

#### Constraints

- $\bullet \ 0 \le N \le 10^3$
- $1 \le |S|, |T| \le 15$

### Sample Input 1

5
jojo lili
jojo bibi
jojo lili
jojo lili
jojo lili

## Sample Output 1

6

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## Sample Input 2

6				
aa	bb			
aa	bc			
ab	bb			
bb	aa			
ba	ba			
ab	ab	, in the second second	A	

## Sample Output 2

0



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#### Namesake

Ayah Jojo adalah seorang kepala sekolah di sebuah SMA. Ia ingin membuat sebuah program database untuk sekolahnya. Karena Ia tidak begitu familiar dengan bahasa pemrograman, Ia pun meminta bantuanmu. Sebelum membuat program tersebut, ayah Jojo memberitahumu bahwa sekolah ini mempunyai banyak murid dan ada kemungkinan bahwa ada siswa yang memiliki nama depan dan nama belakang yang sama. Ia pun penasaran, ada berapa banyak pasangan siswa yang memiliki nama depan dan nama belakang yang sama?

#### Format Input

Satu baris berisi bilangan bulat N yang menyatakan banyaknya siswa diikuti oleh N baris berisikan dua buah string S dan T yang dipisahkan oleh sebuah spasi. String S dan T merepresentasikan nama depan dan nama belakang dari siswa tersebut. Dijamin nama yang diberikan tersusun atas huruf kecil saja.

### Format Output

Sebuah baris berisikan sebuah bilangan bulat yang menyatakan banyaknya pasangan siswa yang memiliki nama depan dan nama belakang yang sama.

#### Constraints

- $0 \le N \le 10^3$
- $1 \le |S|, |T| \le 15$

### Sample Input 1

5
jojo lili
jojo bibi
jojo lili
jojo lili
jojo lili

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## Sample Output 1

6

### Sample Input 2

6
aa bb
aa bc
ab bb
bb aa
ba ba
ab ab

#### Sample Output 2

0

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