

2634 - Birthday Statistics

Description

In a company, the birthdays of all employees are collected. Your task is to write a program to summarize the number of people that were born in each month.

Input specification

The first line of the input contains a positive integer n ($1 \leq n \leq 5,000$) which is the number of employees. The n following lines contain the ID (4-digit number) of each employee and his/her birth date. The birth date is written in this particular format: day/month/year. Suppose that all dates in the input are valid dates.

Output specification

Print out the number of month (1-12) and the number of employees born in that month.

Sample input

```
10
1000 1/2/1967
1012 13/10/1940
1103 5/1/1965
2012 16/7/1980
1125 18/9/1979
1235 10/10/1976
1400 16/11/1973
1013 5/1/1965
2109 28/7/1958
2155 10/12/1970
```

Sample output

```
1 2
2 1
3 0
4 0
5 0
```

6 0
7 2
8 0
9 1
10 2
11 1
12 1

Hint(s)

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|------------------------|--|
| Source | ACM-ICPC Thailand Southern Programming Contest 2013 |
| Added by | ymondelo20 |
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| Time limit (ms) | 2000 |
| Test limit (ms) | 1500 |
| Memory limit (kb) | 256000 |
| Output limit (mb) | 64 |
| Size limit (bytes) | 15000 |
| Enabled languages | Bash C C# C++ Java Pascal Perl PHP Python Ruby Text |