



acm International Collegiate Programming Contest

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ACM-ICPC Thailand Southern Programming Contest 2013

Hosted by
Department of Computer Engineering
Prince of Songkla University Hatyai Campus

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Contest Problems

- There are **8** problems (A-H) to solve within 3 hours 30 minutes.
- Solve as many problems as you can, in an order of your choice.
- Use C or C++ or Java to program at your convenience for any problems.
- Input and output of each program are **standard input** and **output**.

Problem A	Unlock My Safe
Problem B	Two Mysterious Alphabets from a Tree
Problem C	Max Volume
Problem D	Birthday Statistics
Problem E	Nonogram
Problem F	Jane's First Words
Problem G	Range Sum Query
Problem H	Sum of Distinct Numbers ผลรวมเลขไม่ซ้ำ

Problem D. Birthday Statistics

Time Limit: 1s

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

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

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

Sample Input	Sample Output
10	1 2
1000 1/2/1967	2 1
1012 13/10/1940	3 0
1103 5/1/1965	4 0
2012 16/7/1980	5 0
1125 18/9/1979	6 0
1235 10/10/1976	7 2
1400 16/11/1973	8 0
1013 5/1/1965	9 1
2109 28/7/1958	10 2
2155 10/12/1970	11 1
	12 1