

Problem 18398 - HOMWRK

Multilingual



Time Limit	Memory Limit	Submissions	Accepted	Solved	Ratio
2 seconds	512 MB	2345	1630	1555	72.359%

Description

In one of the beautiful cities of Afghanistan two sisters are going to program a simple game to help them solve their mathematics homework. Their homework asks them to calculate the sum and multiplication of two numbers. Your task is to help them to build a simple program for their homework.

Input

First line contains the number of test cases (T).

T test cases follow. For each test case, the first line represents the number of problems. Next N lines contains two integer numbers A_i , B_i .

Output

For every input expecting two integer numbers, first one represents the addition of two given numbers and second represents the multiplication separated by space.

Limit

- $1 \leq T \leq 10$
- $1 \leq N \leq 50$
- $0 \leq A_i, B_i \leq 20000$

Sample Input 1 Copy

```
1
2
20 30
40 60
```

Sample Output 1 Copy

```
50 600
100 2400
```

Source

ICPC (/category/1) > Regionals (/category/7) > Asia West Continent (/category/464) > Afghanistan (/category/475) > ICPC Asia Kabul Regional Contest 2019 (/category/detail/2160) 7번

알고리즘 분류

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Memo
