Problem A
Play with Floor and Ceil
Input: standard input
Output: standard output
Time Limit: 1 second

Theorem

For any two integers **x** and **k** there exists two more integers **p** and **q** such that:

$$x = p\left\lfloor \frac{x}{k} \right\rfloor + q\left\lceil \frac{x}{k} \right\rceil$$

It's a fairly easy task to prove this theorem, so we'd not ask you to do that. We'd ask for something even easier! Given the values of **x** and **k**, you'd only need to find integers **p** and **q** that satisfies the given equation.

Input

The first line of the input contains an integer, **T ($1 \le T \le 1000$)** that gives you the number of test cases. In each of the following **T** lines you'd be given two positive integers **x** and **k**. You can safely assume that **x** and **k** will always be less than 10^8.

Output

For each of the test cases print two integers: **p** and **q** in one line. These two integers are to be separated by a single space. If there are multiple pairs of **p** and **q** that satisfy the equation, any one would do. But to help us keep our task simple, please make sure that the values, $p\left\lfloor \frac{x}{k} \right\rfloor$ and $q\left\lceil \frac{x}{k} \right\rceil$ fit in a **64** bit signed integer.

Sample Input	Output for Sample Input
3 5 2 40 2 24444 6	1 1 1 1 0 6

Problem setter: Monirul Hasan, Member of Elite Problemsetters' Panel
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