Problem 4: Division

Description:

Compute division of two numbers and find the quotient and remainder for the same.

Input Format:

- The first line of the input contains a single integer **T** denoting the number of test cases. The description of **T** test cases follows.
- The first line of each test case contains a single integer **A**.
- The second line of each test case contains a single integer **B**.

Output Format:

For each test case, print two lines as follows.

- The first line contains quotient when **A** is divided with **B**.
- The second line contains remainder when **A** is divided with **B**.

Constraints:

- $1 \leq T \leq 10^3$
- $1 \leq A \leq 10^{100}$
- $1 \leq B \leq 10^{100}$

Example Input:

2

10

5

13

3

Example Output:

2

0

4

1