Problem E. A / B Problem

Time limit	1000 ms
Mem limit	131072 kB
OS	Linux

A/B Problem

Write a program which reads two integers a and b, and calculates the following values:

- $a \div b$: d (in integer)
- remainder of $a \div b$: r (in integer)
- $a \div b$: f (in real number)

Input

Two integers a and b are given in a line.

Output

Print d, r and f separated by a space in a line. For f, the output should not contain an absolute error greater than 10^{-5}.

Constraints

- $1 \le a, b \le 10^9$

Input	Output
3 2	1 1 1.50000