

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

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

Input	Output
3 2	1 1 1.50000