ICPC Assiut University Community





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PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

Z. Fraction

time limit per test: 1 second memory limit per test: 256 megabytes input: standard input output: standard output

Given two fractions, find the smallest fraction that when divided by each of the two fractions, the result is an integer number.

Input

Only one Line Contains two irreducible fractions in the form of a / b ($1 \le a \le 10^3, 1 \le b \le 10^9$).

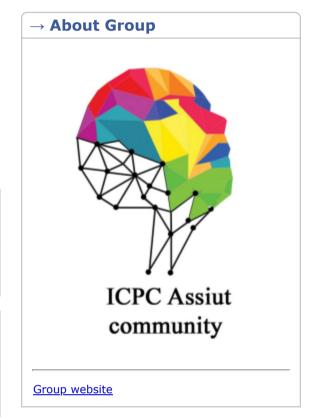
Output

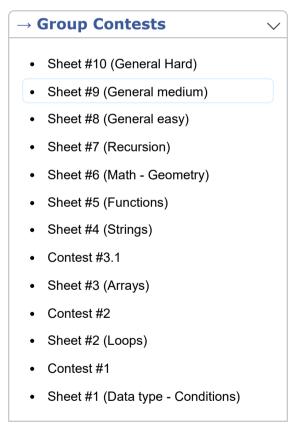
print an irreducible fraction in the form of a / b, where a is the numerator and b is the denominator

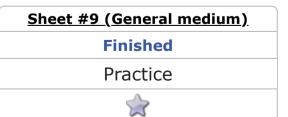
Examples

input	Сору
1/2 3/4	
output	Сору
3/2	
input	Сору
2/3 4/5	
output	Сору
4/1	

Assiut University Training Newcomers Public Participant









This contest uses time limits scaling policy (depending on a programming language). The system automatically adjusts time limits by the following multipliers for some languages. Despite scaling (adjustment), the time limit cannot be more than 30 seconds. Read the details by the link.