ICPC Assiut University Community
Newcomers Training ,Do Your Best

HOME   TOP   CATALOG   CONTESTS   GYM   PROBLEMSET   GROUPS   RATING   EDU   API   CALENDAR   HELP   RAYAN 🏆

PROBLEMS   SUBMIT CODE   MY SUBMISSIONS   STATUS   STANDINGS   CUSTOM INVOCATION

Z. Fraction

time limit per test: 1 second❓
memory limit per test: 256 megabytes

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 $(1 \leq a \leq 10^3, 1 \leq b \leq 10^9)$.
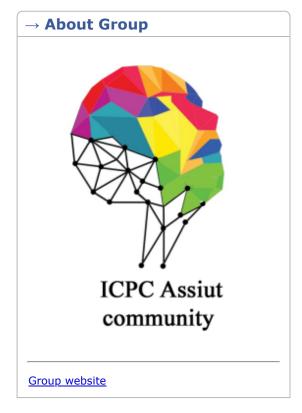
Output

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

Examples

input	Copy
1/2 3/4	

output	Copy
3/2	

input	Copy
2/3 4/5	

output	Copy
4/1	

Assiut University Training - Newcomers

Public

Spectator

⭐

→ **About Group**

ICPC Assiut community

Group website

→ Group Contests

- Sheet #10 (General Hard)
- Sheet #9 (General medium)
- Sheet #8 (General easy)
- Sheet #7 (Recursion)
- Sheet #6 (Math - Geometry)
- Sheet #5 (Functions)
- Sheet #4 (Strings)
- Contest #3.1
- Sheet #3 (Arrays)
- Contest #2
- Sheet #2 (Loops)
- Contest #1
- Sheet #1 (Data type - Conditions)

Sheet #9 (General medium)

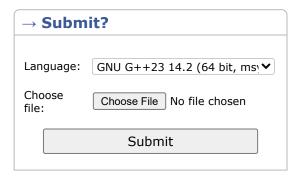**Finished**

Practice

⭐

→ About Time Scaling

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.

→ **Virtual participation**

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

→ **Submit?**

Language: GNU G++23 14.2 (64 bit, msv ∨

Choose file: Choose File   No file chosen

Submit

Supported by