

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

### 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

Participant



### → About Group



[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](#).