

# Finding Fractions

[English](#)

[Vietnamese](#)

Given  $a, b, c, d$ , find a fraction  $p/q$  with minimum  $q$ , and satisfied  $a/b < p/q < c/d$ .

## Input

For each test case, one line contains four integers  $a, b, c, d$ .

## Output

For each test case, print the fraction(see the sample for details).If multiple solution exists, output the one with minimum  $p$ .

## Example

### Input:

```
1 3 1 2
2 1 3 1
2 1 4 1
1000 1001 1001 1002
```

### Output:

```
2/5
5/2
3/1
2001/2003
```

## Constraints

Dataset 1:  $a, b, c, d$  ( $1 \leq a, b, c, d \leq 1e9$ , and  $a/b < c/d$ )