

PROBLEMS SUBMIT STATUS STANDINGS CUSTOM TEST

A. Die Roll

time limit per test: 1 second
memory limit per test: 64 megabytes
input: standard input
output: standard output

Yakko, Wakko and Dot, world-famous animaniacs, decided to rest from acting in cartoons, and take a leave to travel a bit. Yakko dreamt to go to Pennsylvania, his Motherland and the Motherland of his ancestors. Wakko thought about Tasmania, its beaches, sun and sea. Dot chose Transylvania as the most mysterious and unpredictable place.

But to their great regret, the leave turned to be very short, so it will be enough to visit one of the three above named places. That's why Yakko, as the cleverest, came up with a truly genius idea: let each of the three roll an ordinary six-sided die, and the one with the highest amount of points will be the winner, and will take the other two to the place of his/her dreams.

Yakko thrown a die and got y points, Wakko — w points. It was Dot's turn. But she didn't hurry. Dot wanted to know for sure what were her chances to visit Transylvania.

It is known that Yakko and Wakko are true gentlemen, that's why if they have the same amount of points with Dot, they will let Dot win.

Input

The only line of the input file contains two natural numbers y and w — the results of Yakko's and Wakko's die rolls.

Output

Output the required probability in the form of irreducible fraction in format « A/B », where A — the numerator, and B — the denominator. If the required probability equals to zero, output « $0/1$ ». If the required probability equals to 1, output « $1/1$ ».

Examples

input	Copy
4 2	
output	Copy
1/2	

Note

Dot will go to Transylvania, if she is lucky to roll 4, 5 or 6 points.

→ Attention

The package for this problem was not updated by the problem writer or Codeforces administration after we've upgraded the judging servers. To adjust the time limit constraint, a solution execution time will be multiplied by 2. For example, if your solution works for 400 ms on judging servers, then the value 800 ms will be displayed and used to determine the verdict.

Codeforces Beta Round 9 (Div. 2 Only)

Finished

Practice



→ 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

→ Clone Contest to Mashup

You can clone this contest to a mashup.

Clone Contest

→ Submit?

Language: GNU GCC C11 5.1.0

Choose file: Choose File No file chosen

Submit

→ Problem tags

math probabilities *800

No tag edit access

→ Contest materials

- Codeforces Beta Round #9
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