Example Problem 2: Fractions

Description: Write a program to simplify fractions.

Input: Write your program to read pairs of integers from `stdin`. On each line of input, there will be a pair of space separated integers. The first will represent the `numerator` of the fraction, the second will represent the `denominator`. The end of input will be signaled by a `0`. For a pair of integers, you will never be given a numerator or denominator with a value of `0`. The only `0` given as input will be the one that signals the end of input.

Output: Write to `stdout` the simplified fraction, with the numerator separated from the denominator by a *forward slash*, `/`. Each simplified fraction should be separated from the next by a newline. If the simplified fraction would be a single integer, write it without a denominator.

Sample:

input	**outout**

`18 12`
`28 49`
`99 11`
`13 5`
`0`
	`3/2`
	`4/7`
	`9`
	`13/5`