# 1 - Mixed Fractions

You are part of a team developing software to help students learn basic mathematics. You are to write one part of that software, which is to display possibly improper fractions as mixed fractions. A proper fraction is one where the numerator is less than the denominator; a mixed fraction is a whole number followed by a proper fraction. For example the improper fraction `27/12` is equivalent to the mixed fraction `2 3/12`. You should not reduce the fraction (i.e. don't change `3/12` to `1/4`).

## Input

Input has one test case per line. Each test case contains two integers in the range $[1, 2^{31} - 1]$. The first number is the numerator and the second is the denominator. A line containing `0 0` will follow the last test case.

## Output

For each test case, display the resulting mixed fraction as a whole number followed by a proper fraction, using whitespace to separate the output tokens.

| Sample Input | Sample Output |
| --- | --- |
| 27 12<br>2460000 98400<br>3 4000<br>0 0 | 2 3 / 12<br>25 0 / 98400<br>0 3 / 4000 |

*This problem was borrowed from the 2014 North American Qualifier Contest on September 27.*