Given two integers representing the numerator and denominator of a fraction, return *the fraction in string format*.

If the fractional part is repeating, enclose the repeating part in parentheses.

If multiple answers are possible, return **any of them**.

It is **guaranteed** that the length of the answer string is less than 104 for all the given inputs.

**Example 1:**

Input: numerator = 1, denominator = 2  
Output: "0.5"

**Example 2:**

Input: numerator = 2, denominator = 1  
Output: "2"

**Example 3:**

Input: numerator = 4, denominator = 333  
Output: "0.(012)"

**Constraints:**

* -231 <= numerator, denominator <= 231 - 1
* denominator != 0