

## A. Quadratic equation

time limit per test: 2 seconds

memory limit per test: 256 megabytes

input: standard input

output: standard output

You are given a quadratic equation with integer coefficients  $A * X^2 + B * X + C = 0$ . It is guaranteed that  $A \neq 0$  and that the equation has at least one real root. Output the roots of the equation.

### Input

The only line of input contains integers  $A$ ,  $B$  and  $C$  ( $-1000 \leq A, B, C \leq 1000$ ,  $A \neq 0$ ), separated by spaces.

### Output

Output the roots of the equation in increasing order. If the equation has a single root of multiplicity 2, output it once. The root is considered to be correct if its absolute or relative error does not exceed  $10^{-4}$ .

### Examples

<b>input</b>
1 -2 1
<b>output</b>
1
<b>input</b>
1 0 -1
<b>output</b>
-1 1
<b>input</b>
2 -3 1
<b>output</b>
0.5 1

### VK Cup 2015 - Wild Card Round 1

Finished

#### → Languages

The following languages are only available for the problems from the contest

#### VK Cup 2015 - Wild Card Round 1:

- Picat 0.9

#### → 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 ACM-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

#### → Problem tags

No tags yet

No tag edit access

#### → Contest materials

- Announcement 
- Tutorial 