second degree equation

- Time limit: 1 second
- Memory limit: 128 MB

The following quadratic equation with coefficients$a$And$b$And$c$Consider:

$$ax\_^2 + bx\_ + c = 0$$

(The coefficients are never zero together.)

Write a program that solves the equation for these coefficients.

Input

In the first, second and third lines, in the order of numbers$a$And$b$And$c$to receive

$$-100 \le a\_b\_c \le 100$$

Output

Questions

100 The broken heart of Genghis
100 grand theft
100 Pythagorean numbers
150 !!!R
150 second degree equation
100 Ojulat
200 head of water

All submissions

Final submissions

Scoreboard

If the equation has two distinct solutions, print two solutions in ascending order (up to three decimal places), if it has one solution, print that solution (up to three decimal places), if it has no true solution, Print the expression `IMPOSSIBLE`.

Note

In this question, the condition "a is opposite to zero" and "b is opposite to zero" has been removed, and your program must check this condition and in this case it must also be able to calculate the answer to the equation.

Example

Sample input 1

```
5
3
0
```

Sample output 1

```
-0.600
0.000
```

Sample input 2

```
0
```

```
-5.4
```

Sample output 2

```
1.800
```

Sample input 3

```
0
0
1
```

Sample output 3

```
IMPOSSBILE
```

POST AN ANSWER TO THIS QUESTION

.The training period is over