

Problem: Week 1 - Solve degree-2 polynomial equation

Description

Given an equation $ax^2 + bx + c = 0$. Find solution to the given equation.

Input

- Line 1 contains 3 integers a, b, c

Output

- Write NO SOLUTION if the given equation has no solution
- Write x_0 (2 digits after the decimal point) if the given equation has one solution x_0
- Write x_1 and x_2 with $x_1 < x_2$ (2 digits after the decimal point) if the given equation has two distinct solutions x_1, x_2

Example

Input

1 1 8

Output

NO SOLUTION

Input

1 -2 1

Output

1.00

Input

1 -7 10

Output

2.00 5.00

Sample TestCase

C 17



1 Write your Source code here

Source code

C 17



```
1 //C
2 #include <stdio.h>
3
4 int main()
5 {
6
7 }
```

[SUBMIT CODE](#)

Currently, this contest problem is not open for submissions

Or

C 17

Select file

SUBMIT

🔍 Tìm kiếm



ID	Bài tập	Trạng thái	Message	Điểm
50dc70	DEGREE_2_POLY_EQUATION	Accept		100
d5f8ca	DEGREE_2_POLY_EQUATION	Partial		80
3e6e77	DEGREE_2_POLY_EQUATION	Partial		60
5 hàng < < 1-3 của 3 > >				