Practice Set 1

Question 1

Given the coefficients of a quadratic equation in the format `a b c`, where the equation is `aX^2 + bX + c = 0`, your task is to find whether the roots are real or imaginary. Follow the specified format for input and output.

Input Format

The input consists of three floating-point numbers separated by spaces representing the coefficients `a`, `b`, and `c`.

Output Format

REAL/IMAGINARY (Case Sensitive).

Examples

Input:

```
1 -3 2
```

Output:

```
REAL
```

Input:

```
1 2 5
```

Output:

```
IMAGINARY
```

Question 2

Write a C program that takes three integers as input and determines the largest number among them. Assume that the numbers are distinct.

Input Format

The input consists of three integers separated by spaces.

Output Format

Output the largest integer.

Constraints

The integers are between -100,000 and 100,000 inclusive.

Examples

Input:

```
5 10 3
```

Output:

```
10
```

Input:

```
15 13 10
```

Output:

```
15
```

Input:

```
-2 -10 -5
```

Output:

```
-2
```