



Hello, 2021115001.

✓ Pythagorean Triplets - A

Problem Description

Write a program to read three integers (say A,B,C) and checks if they form pythagorean triplets. Print **YES** if they form a pythagorean triplet, else print **NO**.

Constraints

$1 \leq A, B, C \leq 1e4$

Input

A single line with 3 space separated integers.

Output

Single line with **YES** or **NO** (In captials)

Sample Input 1

3 4 5

Sample Output 1

YES

Sample Input 2

12 16 22

Sample Output 2

NO

[Submit solution](#)[My submissions](#)[All submissions](#)[Best submissions](#)

✓ **Points:** 50 (partial)

⌚ **Time limit:** 1.0s

📄 **Memory limit:** 64M

➤ **Problem type**

✓ **Allowed languages**
C

? Clarifications

[Request clarification](#)

No clarifications have been made at this time.

