

Daily Challenge

Happy Coding from necse



SKILLRACK

Right Angled Triangle Check

Three sides of a triangle are passed as input. The program must print **yes** if the sides form a right angled triangle. Else the program must print **no**.

Boundary Condition(s):

1 <= Length of the sides <= 999999999

Input Format:

The first line contains three integers denoting the length of the sides separated by a space.

Output Format:

The first line contains **yes** or **no**

Example Input/Output 1:

Input:

5 4 3

Output:

yes

Example Input/Output 2:

Input:

8 5 6

Output:

no

Max Execution Time Limit: 5000 millisecs

Ambiance

Java (12.0)



```

1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6
7         int a = sc.nextInt();
8         int b = sc.nextInt();
9         int c = sc.nextInt();
10
11         if( ((c*c)+(b*b))== (a*a) ) ||
12            ((a*a)+(b*b))== (c*c) ) ||
13            ((a*a)+(c*c))== (b*b) )
14         ){
15             System.out.println("yes");
16         }else{
17             System.out.println("no");
18         }
19
20     }
21 }
```

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Code did not pass the execution



Input:

4 5 3

Expected Output:

yes

Your Program Output:

no

Save

Run