Triangle?

Problem	Submissions	Leaderboard	Discussions

WACP to determine if a triangle is valid from the given sides.

Input Format

- The only line in the input refers to the three sides of a triangle.

Constraints

- The sum of the side lengths of any 2 sides of a triangle must exceed the length of the third side

Output Format

- The output contains either a 'Yes' or a 'No' based on the validity of the triangle.

Sample Input 0

```
6 7 8
```

Sample Output 0

```
Yes
```

Submissions: 39

Max Score: 10

Difficulty: Easy

Rate This Challenge:

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More

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```c
1   #include <stdio.h>
2
3   int main()
4   {
5       int p,q,r;
6       scanf("%d%d%d\n",&p,&q,&r);
7       if ((p+q)> r && (p+r)>q && (q+r)>p)
8           printf("Yes");
9       else
10          printf("No");
11      return 0;
12  }
13
14
15
16
```

Line: 16 Col: 1

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

Testcase 0 ✔

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

```
6 7 8
```

Your Output (stdout)

```
Yes
```

Expected Output

```
Yes
```