## Problem B. Is there a triangle?

Three natural numbers a, b, c are given. Determine if there is a triangle with such sides. If the triangle exists, print the line YES, otherwise print the line NO.

A triangle is three points that do not lie on one straight line.
Input data
Three natural numbers are entered.
Output
Print the answer to the problem.
Examples of input data
3
4
5

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int a = 0, b = 0, c = 0, triangleTrue = 0;

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```

int a = 0, b = 0, c = 0, triangleTrue = 0;
std::cin >> a >> b >> c;
std::cin >> a >> b >> c;
if (a + b > c \&\& a + c > b \&\& b + c > a)
if (a + b > c \&\& a + c > b \&\& b + c > a)
triangleTrue = 1;
triangleTrue = 1;
else
else
{
{
triangleTrue = 0;
triangleTrue = 0;
}
}
if (triangleTrue == 1)
if (triangleTrue == 1)
std::cout << "Yes" << std::endl;
std::cout << "Yes" << std::endl;
else
else
std::cout << "No" << std::endl;

```
```

    std::cout << "No" << std::endl;
    ```
```

output
YES


3

