## **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
              int a = 0, b = 0, c = 0, triangleTrue = 0;
output
              std::cin >> a >> b >> c;
YES
              if (a + b > c \& \& a + c > b \& \& b + c > a)
                triangleTrue = 1;
              else
                triangleTrue = 0;
               }
              if (triangleTrue == 1)
                 std::cout << "Yes" << std::endl;</pre>
              else
                 std::cout << "No" << std::endl;</pre>
```



## 3

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