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**Building triangles***3 points***Introduction**

You get a summer job in a triangle factory as a quality assurance manager. Your duty is to verify if a triangle can be built given three sides. To ease your job, you remember the Triangle Inequality Theorem and decide to write a simple program to perform this check.

Well, just in case you do not remember this theorem here you have it: The Triangle Inequality Theorem states that the sum of any two sides of a triangle, must be greater than the length of the third side of a triangle.

**Input**

The input will be three different lines, one corresponding to each side of the triangle and containing a positive integer value. Assume that the three sides will be expressed with the same units.

**Output**

The output will print a single line. In case that the three sides can be used for building a triangle:

`It is a triangle`

Otherwise the output will be:

`It is NOT a triangle`

**Example 1****Input**

`600`

`900`

`700`

**Output**

`It is a triangle`

**Example 2****Input**

`600`

`900`

`300`

**Output**

`It is NOT a triangle`