

```
/*
 * Three sides can form a triangle if the sum of the lengths of any
two sides is greater than the length of the remaining side.
 * This is known as the Triangle Inequality Theorem.
 * Write a program that tests if three given integers form a
triangle.
 */
public class Triangle {
    public static void main(String[] args) {
        int side1 = Integer.parseInt(args[0]);
        int side2 = Integer.parseInt(args[1]);
        int side3 = Integer.parseInt(args[2]);

        boolean triangle = ((side1 + side2 > side3) &&
(side1 + side3 > side2) && (side2 + side3 > side1));
        System.out.println(side1 + ", " + side2 + ", " +
side3 + ": " + triangle);
    }
}
```