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package labs.lab8.pro1;

import classes.GeometricObject;
import classes.Triangle;

import java.util.Scanner;

public class Lab8_Pro1_64010009 {

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        double side1, side2, side3;
        String color;
        boolean is_filled;

        while (true) {
            System.out.print("Enter three triangle sides (A B C): ");
            side1 = scanner.nextDouble();
            side2 = scanner.nextDouble();
            side3 = scanner.nextDouble();
            if (side1 > 0 && side2 > 0 && side3 > 0) break;
            System.out.println("ERROR: invalid inputs, try again!");
        }

        System.out.print("What color of a triangle: ");
        color = scanner.next();

        System.out.print("Does a triangle get filled (true/false): ");
        is_filled = scanner.nextBoolean();

        scanner.close();

        Triangle triangle = new Triangle(side1, side2, side3);
        triangle.setColor(color);
        triangle.setIsFilled(is_filled);

        GeometricObject.displayObject(triangle);
    }
}
```