import static org.junit.Assert.\*;

import org.junit.After;

import org.junit.Before;

import org.junit.Test;

public class TestTriangle {

private Triangle triangle = null;

@Before

public void setUp() throws Exception {

}

@After

public void tearDown() throws Exception {

}

@Test

public void test() {

triangle = new Triangle(0, 0, 0);

assertEquals("Illegal",triangle.getType(triangle));

triangle = new Triangle(100, 5, 3);

assertEquals("Illegal",triangle.getType(triangle));

triangle = new Triangle(3, 3, 3);

assertEquals("Regular",triangle.getType(triangle));

triangle = new Triangle(3, 4, 5);

assertEquals("Scalene",triangle.getType(triangle));

triangle = new Triangle(2, 3, 3);

assertEquals("Isosceles",triangle.getType(triangle));

}

}