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/*
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nbfs://nbhost/SystemFileSystem/Templates/UnitTests/JUnit4TestClass.java to
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 */
package gof_observer_structure;

import org.junit.Test;
import static org.junit.Assert.*;

import org.junit.Before;
import org.junit.BeforeClass;

public class SubjectTest {

    private static Subject s = new Subject();
    private static Observer1 o1 = new Observer1("Dr. Gumbo");

    @BeforeClass
    public static void setup() {

        System.out.println("***Setting up class Subject");
        s.attach(o1);
        s.setState(41, 7);
    }
    /**
     * Test of attach method, of class Subject.
     */

    @Test
    public void testAttach() {

        System.out.println("***Testing attach");

        o1 = new Observer1("Mrs. Hurricane");
        s.attach(o1);
    }

    /**
     * Test of detach method, of class Subject.
     */

    @Test
    public void testDetach() {

        System.out.println("***Testing detach");
        o1 = new Observer1("Mr. Muffuletta");
        s.attach(o1);
        s.detach(o1);
    }

    /**
     * Test of Notify method, of class Subject.

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    */
    @Test
    public void testNotify() {
        System.out.println("***Testing Notify");
        o1 = new Observer1("Mrs. Hurricane");
        s.Notify();

    }

    /**
     * Test of setState method, of class Subject.
     */
    @Test
    public void testSetState() {
        System.out.println("***Testing setState");
        s.setState(0, 0);
    }
}

```