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package test;

import model.Class;
import model.ClassList;
import org.junit.jupiter.api.AfterEach;
import org.junit.jupiter.api.BeforeEach;
import org.junit.jupiter.api.Test;

import java.util.ArrayList;

import static org.junit.jupiter.api.Assertions.*;

class ClassListTest
{
    ClassList list = new ClassList();

    @BeforeEach
    void setUp()
    {
        Class class1 = new Class("Y1", "302b", 30);
        Class class2 = new Class("X1", "100c", 40);
        Class class3 = new Class("Z1", "2021", 15);
        list.add(class1);
        list.add(class2);
        list.add(class3);
    }

    @AfterEach
    void tearDown()
    {
    }

    @Test
    void testGetClass()
    {
        Class class2 = new Class("X1", "100c", 40);
        assertEquals(class2, list.getClass(1));
    }

    @Test
    void size()
    {
        assertEquals(3, list.size());
    }

    @Test
    void getClassWithRoom()
    {
        Class class2 = new Class("X1", "100c", 40);
        assertEquals(class2, list.getClassWithRoom("100c"));
    }

    @Test
    void getAllClasses()
    {
        ArrayList<Class> list1 = new ArrayList<>();
        Class class1 = new Class("Y1", "302b", 30);
        Class class2 = new Class("X1", "100c", 40);
        Class class3 = new Class("Z1", "2021", 15);
    }
}

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        list1.add(class1);
        list1.add(class2);
        list1.add(class3);
        assertEquals(list1, list.getAllClasses());
    }

    @Test
    void testGetClass1()
    {
        Class class3 = new Class("Z1", "2021", 15);
        assertEquals(class3, list.getClass("Z1"));
    }

    @Test
    void add()
    {
        Class class4 = new Class("YM1", "352b", 30);
        list.add(class4);
        assertEquals(class4, list.getClass(3));
    }
}
```