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Codes:

import org.junit.jupiter.api.Assertions;

import org.junit.jupiter.api.Test;

class TourTests {

@Test

void emptySize() {

Tour t = new Tour();

Assertions.assertEquals(t.size(), 0);

}

@Test

void squareSize() {

Tour t = new Tour();

Assertions.assertEquals(t.size(), Math.pow(t.size(), 2));

}

@Test

void emptyLength() {

Tour t = new Tour();

Assertions.assertEquals(t.length(), 0);

}

@Test

void squareLength() {

Tour t = new Tour();

Assertions.assertEquals(t.length(), Math.pow(t.length(), 2));

}

@Test

void emptyToString() {

Tour t = new Tour();

Assertions.assertEquals(t.toString(), "");

}

@Test

void squareToString() {

Tour t = new Tour();

Assertions.assertEquals(t.toString(), t.toString() + t.toString());

}

@Test

void insertNearest() {

Tour t = new Tour();

Point p = new Point(5, 4);

t.insertNearest(p);

Assertions.assertEquals(t.size(), 1);

}

@Test

void insertSmallest() {

Tour t = new Tour();

Point p = new Point(5, 4);

t.insertSmallest(p);

Assertions.assertEquals(t.size(), 1);

}

}

A screenshot showing the results of running your unit test(s):

Graphical user interface, application

Description automatically generated