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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):

