

```

CarTests.java
1//Test
2
3package week3Test;
4
5import static org.junit.jupiter.api.Assertions.*;
11
12class CarTests {
13
14    //test estimate distance
15    @Test
16    void testEstimateDistance() {
17        Name myname = new Name("mega", "l", "j");
18        Car mycar5 = new Car("Mercedes", 85, 23, myname);
19        assertEquals(mycar5.getTankSize()* mycar5.getManfMPG()* 0.22, 430.1);
20    }
21
22
23
24
25    // testTankBigger()
26    //i had to do the junit test for each codition seperately
27    @Test
28    void testSetSizeWithLargeValue(){
29        int size = 60;
30        Car mycar = new Car(); 31        mycar.setTankSize(85);
32        assertTrue(mycar.getTankSize(> size);
33    }
34    @Test
35    void testSetSizeWithEqualValue(){
36        int size = 60;
37        Car mycar = new Car(); 38        mycar.setTankSize(60);
39        assertTrue(mycar.getTankSize()== size);
40
41    }
42    @Test
43    void testSetSizeWithSmallValue(){
44        int size = 70;
45        Car mycar = new Car(); 46        mycar.setTankSize(60);
47        assertTrue(mycar.getTankSize(< size);
48
49    }
50
51
52
53
54}
55

```