

```
1 import static org.junit.Assert.assertEquals;
2
3
4
5 public class MergeSorterTest {
6
7     @Test
8     /**
9      * Test One.
10     */
11     public void testOne() {
12         int[] result = { 10, 15, 12, 4, 25 };
13         MergeSorter.merge(result);
14
15         int[] expected = { 4, 10, 12, 15, 25 };
16
17         assertEquals(result.length, expected.length);
18
19         for (int i = 0; i < result.length; i++) {
20             assertEquals(result[i], expected[i]);
21         }
22     }
23
24     @Test
25     /**
26      * Test Two.
27     */
28     public void testTwo() {
29         int[] result = {};
30         MergeSorter.merge(result);
31
32         int[] expected = {};
33
34         assertEquals(result.length, expected.length);
35
36         for (int i = 0; i < result.length; i++) {
37             assertEquals(result[i], expected[i]);
38         }
39     }
40
41     @Test
42     /**
43      * Test Three.
44     */
45     public void testThree() {
46         int[] result = { 12, 7 };
47         MergeSorter.merge(result);
48
49         int[] expected = { 7, 12 };
50
51         assertEquals(result.length, expected.length);
52
53         for (int i = 0; i < result.length; i++) {
54             assertEquals(result[i], expected[i]);
55         }
56     }
57 }
58
59
```