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Evgen959 newLes41   60aa25c · 5 minutes ago ⟲

114 lines (93 loc) · 3.54 KB

Code   Blame   Raw ⧉ ⭳   ✎ ▾   <>

```java
 1    import org.junit.jupiter.api.Assertions;
 2    import org.junit.jupiter.api.DisplayName;
 3    import org.junit.jupiter.api.Test;
 4
 5    import java.util.HashMap;
 6    import java.util.Map;
 7
 8    import static org.junit.jupiter.api.Assertions.*;
 9
10    class MainTest {
11
12        @DisplayName("addTwoKeysValue: regular case")
13        @Test
14        void addTwoKeysValue() {
15            Map<String, Integer> map = new HashMap<>(Map.of("Jack", 18,
16                                                           "John", 9,
17                                                           "Ann", 5));
18            String key1 ="Ann";
19            String key2 ="Jack";
20
21            Main.addTwoKeysValue(map, key1, key2);
22
23            Integer actualValue = map.get(key1 + key2);
24            Assertions.assertAll(
25                    ()->Assertions.assertEquals(23, actualValue),
26                    ()->Assertions.assertEquals(4, map.size())
27            );
28        }
29
30        @DisplayName("addTwoKeysValue: if no Key 1")
31        @Test
32        void addTwoKeysValue_ifNoKey1() {
33            Map<String, Integer> map = new HashMap<>(Map.of("Jack", 18,
34                                                           "John", 9,
35                                                           "Ann", 5));
```

```java
36            String key1 ="Lena";
37            String key2 ="Jack";
38
39            Main.addTwoKeysValue(map, key1, key2);
40
41            Integer actualValue = map.get(key1 + key2);
42            Assertions.assertNull(actualValue);
43        }
44
45        @DisplayName("addTwoKeysValue: if no Key 2")
46        @Test
47   ˅    void addTwoKeysValue_ifNoKey2() {
48            Map<String, Integer> map = new HashMap<>(Map.of("Jack", 18,
49                                                            "John", 9,
50                                                            "Ann", 5));
51            String key2 ="Lena";
52            String key1 ="Jack";
53
54            Main.addTwoKeysValue(map, key1, key2);
55
56            Integer actualValue = map.get(key1 + key2);
57            Assertions.assertNull(actualValue);
58        }
59
60        @DisplayName("addTwoKeysValue: if the first one value is null")
61        @Test
62   ˅    void addTwoKeysValue_ifValueIsNull() {
63            Map<String, Integer> map = new HashMap<>(Map.of(
64                    "John", 9,
65                    "Ann", 5));
66            map.put("Jack",null);
67            String key1 = "Ann";
68            String key2 = "Jack";
69
70            Main.addTwoKeysValue(map, key1, key2);
71
72            Integer actualValue = map.get(key1 + key2);
73            Assertions.assertAll(
74                    () -> Assertions.assertEquals(5, actualValue),
75                    () -> Assertions.assertEquals(4, map.size())
76            );
77        }
78
79        @DisplayName("addTwoKeysValue: if the second one value is null")
80        @Test
81   ˅    void addTwoKeysValue_ifSecondValueIsNull() {
82            Map<String, Integer> map = new HashMap<>(Map.of("Jack", 18,
83                    "John", 9));
84            map.put("Ann",null);
85            String key1 = "Ann";
86            String key2 = "Jack";
```

```java
 87
 88            Main.addTwoKeysValue(map, key1, key2);
 89
 90            Integer actualValue = map.get(key1 + key2);
 91            Assertions.assertAll(
 92                    () -> Assertions.assertEquals(18, actualValue),
 93                    () -> Assertions.assertEquals(4, map.size())
 94            );
 95        }
 96
 97        @DisplayName("addTwoKeysValue: if both value is null")
 98        @Test
 99   ∨    void addTwoKeysValue_ifBothValueIsNull() {
100            Map<String, Integer> map = new HashMap<>(Map.of("John", 9));
101            map.put("Jack",null);
102            map.put("Ann",null);
103            String key1 = "Ann";
104            String key2 = "Jack";
105
106            Main.addTwoKeysValue(map, key1, key2);
107
108            Integer actualValue = map.get(key1 + key2);
109            Assertions.assertAll(
110                    () -> Assertions.assertNull(actualValue),
111                    () -> Assertions.assertEquals(4, map.size())
112            );
113        }
114    }
```