

Evgen959 / Advanced_Backend

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Evgen959 newLes41

60aa25c · 11 minutes ago

40 lines (31 loc) · 1.62 KB

Code

Blame

Raw

```
1
2  import org.junit.jupiter.api.Assertions;
3  import org.junit.jupiter.api.Test;
4
5  import java.util.HashMap;
6  import java.util.HashSet;
7  import java.util.List;
8  import java.util.Map;
9
10 import static org.junit.jupiter.api.Assertions.*;
11
12 class MainTest {
13
14     @Test
15     void mapOwnerAccounts() {
16         List<Account> accounts = List.of(
17             new Account("1111", new Person("Jack", 20)),
18             new Account("1114", new Person("Ann", 21)),
19             new Account("1113", new Person("Jack", 20)),
20             new Account("1112", new Person("Jack", 20)),
21             new Account("1115", new Person("Ann", 21)),
22             new Account("1116", new Person("Oleg", 23))
23         );
24
25         HashMap<Person, List<String>> expectedMap = new HashMap<>();
26         expectedMap.put(new Person("Jack",20), List.of("1111", "1112", "1113"));
27         expectedMap.put(new Person("Oleg",23), List.of("1116"));
28         expectedMap.put(new Person("Ann",21), List.of("1114", "1115"));
29
30         Map<Person, List<String>> actualMap = Main.mapOwnerAccounts(accounts);
31
32         Assertions.assertAll(
33             ()->Assertions.assertEquals(expectedMap.keySet(),actualMap.keySet()),
34             ()->Assertions.assertEquals( new HashSet<>(expectedMap.get(new Person("Jack",20))), new HashSet<>(actualMap.get(new Person("Jack",20)))),
35             ()->Assertions.assertEquals( new HashSet<>(expectedMap.get(new Person("Oleg",23))), new HashSet<>(actualMap.get(new Person("Oleg",23)))),
36             ()->Assertions.assertEquals( new HashSet<>(expectedMap.get(new Person("Ann",21))), new HashSet<>(actualMap.get(new Person("Ann",21))))
37         );
38
39     }
40 }
```