Evgen959 / **Advanced_Backend**   Public

<> Code   ⊙ Issues   ⑴ Pull requests   ⊙ Actions   ▤ Projects   ⊘ Security   ⚏ Insights

Advanced_Backend / **Lesen 046** / **code** / **hw_na_les046_1** / **src** / **Main2.java** ⧉

Evgen959 newLes46   7cd990d · 5 minutes ago ↺

27 lines (23 loc) · 909 Bytes

Code   Blame   Raw ⧉ ⭳   ✎ ▾   <>

```java
 1    import java.util.List;
 2    import java.util.Map;
 3    import java.util.stream.Collectors;
 4
 5    public class Main2 {
 6        public static void main(String[] args) {
 7            List<String> list = List.of("Jack:6", "Ann:3", "Mark:7", "Jack:8", "Mark:9", "Ann:8", "Ann:7");
 8            Map<String, List<Integer>> stringListMap = listToMap(list);
 9            System.out.println(stringListMap);
10        }
11
12        public static Map<String, List<Integer>> listToMap(List<String> list){
13            Map<String, List<Integer>> collect = list.stream()
14                    .collect(Collectors.groupingBy(s -> getName(s), Collectors.mapping(s -> getRate(s), Collectors.toList())));
15            return collect;
16        }
17
18        // "Jack:6" -> "Jack"
19        public static String getName(String s){
20            return s.substring(0, s.indexOf(":"));
21        }
22
23        // "Jack:6" -> "6"
24        public static Integer getRate(String s){
25            return Integer.parseInt(s.split(":")[1]);
26        }
27    }
```