Evgen959 / Advanced_Backend   Public

‹› Code   ⊙ Issues   ⑂ Pull requests   ▷ Actions   ⊞ Projects   ⊘ Security   ⎘ Insights

Advanced_Backend / Lesen 042 / code / d06_10_1 / src / Main2.java   ⎘

Evgen959   newLes42   bd4a406 · 4 minutes ago   ⟲

48 lines (40 loc) · 1.48 KB

Code   Blame   Raw ⎘ ⭳   ✎ ▼   ‹›

```java
1    import java.util.ArrayList;
2    import java.util.List;
3    import java.util.function.UnaryOperator;
4
5    public class Main2 {
6        public static void main(String[] args) {
7
8            List<String> list = List.of("Jeck", "John", "Ann");
9
10           List<String> list1 = listHandler(list, new StringTransformer() {
11               @Override
12               public String transform(String str) {
13                   return str.toUpperCase();
14               }
15           });
16           System.out.println(list1);
17
18           List<String> list2 = listHandler(list, new StringTransformer() {
19               @Override
20               public String transform(String str) {
21                   return "(" + str + ")";
22               }
23           });
24           System.out.println(list2);
25
26           List<String> list3 = listHandler(list, (String str) -> { return "(" + str + ")"; } );
27           System.out.println(list3);
28
29           List<String> list4 = listHandler1(list, (String str) -> { return "(" + str + ")"; } );
30           System.out.println(list4);
31       }
32
33       public static List<String> listHandler1(List<String> list, UnaryOperator<String> transformer){
34           List<String> result = new ArrayList<>();
35           for (String str: list){
36               result.add(transformer.apply(str));
37           }
38           return result;
39       }
40
41       public static List<String> listHandler(List<String> list, StringTransformer transformer){
42           List<String> result = new ArrayList<>();
43           for (String str: list){
44               result.add(transformer.transform(str));
45           }
46           return result;
47       }
48   }
```