

 Evgen959 / Advanced_Backend Public[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Security](#) [Insights](#)[Advanced_Backend](#) / [konsul](#) / [les040](#) / [src](#) / [Main.java](#) 

Evgen959 newKonsulLes39

8718a71 · 4 minutes ago



49 lines (43 loc) · 1.46 KB

Code

Blame

Raw



```
1  import java.util.ArrayList;
2  import java.util.Collections;
3  import java.util.Comparator;
4  import java.util.List;
5
6  public class Main {
7      public static void main(String[] args) {
8          List<Person> people = new ArrayList<>( List.of(
9              new Person("Jack", 20),
10             new Person("Nick", 24),
11             new Person("Ann", 19),
12             new Person("John", 10)
13         ));
14
15         System.out.println(people);
16         Comparator<Person> comparator1 = new ComparatorByAge(); // не анонимный класс
17
18
19         Comparator<Person> comparator2 = new Comparator<>() { // анонимный класс
20             @Override
21             public int compare(Person o1, Person o2) {
22                 return Integer.compare(o1.getAge(), o2.getAge());
23             }
24         };
25         /*
26         class XXXX13234 implements Comparator<Person>(){
27             @Override
28             public int compare(Person o1, Person o2) {
29                 return Integer.compare(o1.getAge(), o2.getAge());
30             }
31         };
32         Comparator<Person> comparator2 = new XXXX13234();
33         */
34         Collections.sort(people, comparator2);
35         System.out.println(people);
36     }
```

```
37     Example e = new Example(){ // анонимный класс
38         @Override
39         public void method1() {
40             System.out.println("hello1");
41         }
42
43         @Override
44         public int method2() {
45             return 0;
46         }
47     };
48 }
49 }
```