

Employee.java

```
1 package SortObjectList;
2 import java.util.*;
3
4 class sortObjects implements Comparator<Employee>
5 {
6
7     @Override
8     public int compare(Employee employee1, Employee employee2) {
9
10         return (employee1.getSalary() - employee2.getSalary());
11     }
12
13     public static void main(String args[])
14     {
15         Employee employee1 = new Employee("Hello1", "Programmer1", 1000);
16         Employee employee2 = new Employee("Hello2", "Programmer2", 300);
17         Employee employee3 = new Employee("Hello3", "Programmer3", 18000);
18         Employee employee4 = new Employee("Hello4", "Programmer4", 900);
19         Employee employee5 = new Employee("Hello5", "Programmer5", 8000);
20
21         List<Employee> employeelist = new ArrayList();
22         employeelist.add(employee1);
23         employeelist.add(employee2);
24         employeelist.add(employee3);
25         employeelist.add(employee4);
26         employeelist.add(employee5);
27
28         System.out.println("Objects before sorting: ");
29         for(Employee employee : employeelist)
30         {
31             System.out.println(employee);
32         }
33
34         System.out.println("\n");
35
36         Collections.sort(employeelist, new sortObjects());
37
38         System.out.println("Objects after sorting: ");
39         for(Employee employee : employeelist)
40         {
41             System.out.println(employee);
42         }
43     }
44 }
45
46 }
47
48 public class Employee {
49
50     private String name;
51     private String occupation;
52     private int salary;
53
54     public Employee(String firstname, String job, int value)
55     {
56         super();
57         this.name = firstname;
```

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```
58         this.occupation = job;
59         this.salary = value;
60     }
61
62     public String getName() {
63         return name;
64     }
65
66     public void setName(String name) {
67         this.name = name;
68     }
69
70     public String getOccupation() {
71         return occupation;
72     }
73
74     public void setOccupation(String occupation) {
75         this.occupation = occupation;
76     }
77
78     public int getSalary() {
79         return salary;
80     }
81
82     public void setSalary(int salary) {
83         this.salary = salary;
84     }
85
86     public String toString()
87     {
88         return "Name of employee is: " + name + " Occupation is: " + occupation + " Salary is:
89 " + salary;
90     }
91
92
93 }
94
```