```java
1 //2017.Resit
2
3 import java.io.BufferedReader;
4 import java.io.FileNotFoundException;
5 import java.io.FileReader;
6 import java.io.IOException;
7 import java.util.ArrayList;
8 import java.util.Collections;
9 import java.util.Comparator;
10
11 public class Championship {
12   private ArrayList<Team> teams;
13   private ArrayList<Driver> drivers;
14
15   public Championship() {
16     teams = new ArrayList<Team>();
17     drivers = new ArrayList<Driver>();
18   }
19
20   public void addTeam(Team t) {
21     teams.add(t);
22   }
23
24   public void addDriver(Driver d) {
25     drivers.add(d);
26   }
27
28   public String toString() {
29     String answer = "Current Driver Championship Table\n";
30     answer += "Position Number Name Country Points\n";
31
32     Collections.sort(drivers);
33     int pos = 1;
34     for (Driver d : drivers) {
35       answer += pos++ + "      " + d.getNumber() + "      " + d.getShortName() + "     " +
   d.getCountry() + "    "
36           + d.getPoints() + "\n";
37     }
38     answer += "Current Team Championship \nTable Position Name Points\n";
39     Collections.sort(teams, new Comparator<Team>() {
40       public int compare(Team o1, Team o2) {
41         return Integer.compare(o2.getPoints(), o1.getPoints());
42       }
43     });
44     pos = 1;
45     for (Team t : teams) {
46       answer += pos++ + "      " + t.getName() + "      " + t.getPoints() + "\n";
47     }
48
49     return answer;
50   }
51
52   public void readRaceData(String file) {
53     try (BufferedReader br = new BufferedReader(new FileReader(file))) {
54       String line = br.readLine();
55
56       while(line != null) {
57         String[] spl = line.split(" ");
58         String pos = spl[0];
59         int dNum = Integer.parseInt(spl[1]);
60         int lap = Integer.parseInt(spl[2]);
61         int pnt = Integer.parseInt(spl[3]);
```

```
62          for(Driver d: drivers) {
63            if(d.getNumber() == dNum) {
64              d.addLaps(lap);
65              d.addPoints(pnt);
66            }
67          }
68          line = br.readLine();
69        }
70
71
72
73    } catch (FileNotFoundException e) {
74      e.printStackTrace();
75    } catch (IOException e) {
76      e.printStackTrace();
77    }
78
79  }
80 }
81
```