

Team.java

```
1 //2018.Resit
2
3 import java.util.ArrayList;
4 import java.util.List;
5
6 public class Team implements Comparable<Team>{
7     private String name;
8     private String city;
9     private List<Game> games;
10
11     private int noGames;
12
13     private int noWins;
14
15     private int noLosses;
16
17     private int noDraws;
18     private int noTryBonus;
19     private int noLoseBonus;
20     private int noPoints;
21
22     public Team(String n, String c) {
23         name = n;
24         city = c;
25         games = new ArrayList<Game>();
26     }
27
28     public void addGame(Game g) {
29         games.add(g);
30         noGames++;
31         if (name.equals(g.getHomeTeam())) {
32             if (g.getScore(name) > g.getScore(g.getAwayTeam())) {
33                 noWins++;
34             } else if (g.getScore(name) == g.getScore(g.getAwayTeam())) {
35                 noDraws++;
36             } else {
37                 noLosses++;
38             }
39         } else {
40             if (g.getScore(name) > g.getScore(g.getHomeTeam())) {
41                 noWins++;
42             } else if (g.getScore(name) == g.getScore(g.getHomeTeam())) {
43                 noDraws++;
44             } else {
45                 noLosses++;
46             }
47         }
48     }
49
50     if (g.isTryBonus(name)) {
51         noTryBonus++;
52     }
53     if (g.isLosingBonus(name)) {
54         noLoseBonus++;
55     }
56     noPoints += g.getPoints(name);
57 }
58
59 public String getName() {
60     return name;
61 }
62
```

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```
63     public String getCity() {
64         return city;
65     }
66
67     public int getNumGames() {
68         return noGames;
69     }
70     public int getNumWins() {
71         return noWins;
72     }
73     public int getNumLosses() {
74         return noLosses;
75     }
76     public int getNumDraws() {
77         return noDraws;
78     }
79     public int getNumTryBonus() {
80         return noTryBonus;
81     }
82     public int getNumLosingBonus() {
83         return noLoseBonus;
84     }
85     public int getNumPoints() {
86         return noPoints;
87     }
88
89     public int compareTo(Team o) {
90         return Integer.compare(o.getNumPoints(), getNumPoints());
91     }
92 }
93
```