```java
//2018.Resit

public class Game {
    private String home;
    private int homeScore;
    private int homeTry;
    private String away;
    private int awayScore;
    private int awayTry;
    private String location;

    public Game(String h, String a, String l) {
        home = h;
        away = a;
        location = l;
    }

    public String getHomeTeam() {
        return home;
    }

    public String getAwayTeam() {
        return away;
    }

    public String getCity() {
        return location;
    }

    public int getPoints(String team) {
        int points = 0;
        if(team.equals(home)) {
            if(homeScore > awayScore) {
                points += 4;
            } else if(homeScore == awayScore) {
                points += 2;
            }

        } else {
            if(awayScore > homeScore) {
                points += 4;
            } else if(awayScore == homeScore) {
                points += 2;
            }

        }
        if(isLosingBonus(team)) {
            points += 1;
        }
        if(isTryBonus(team)) {
            points += 1;
        }
        return points;
    }
    public boolean isLosingBonus(String team) {
        if(team.equals(home)) {
            if(homeScore < awayScore && homeScore+7 >= awayScore) {
                return true;
            }

        } else {
            if(awayScore < homeScore && awayScore+7 >= homeScore) {
```

```java
 63                    return true;
 64                }
 65            }
 66            return false;
 67        }
 68
 69        public boolean isTryBonus(String team) {
 70            if(team.equals(home)) {
 71                if(homeTry >= 4) {
 72                    return true;
 73                }
 74            } else {
 75                if(awayTry >= 4) {
 76                    return true;
 77                }
 78            }
 79            return false;
 80
 81        }
 82
 83        public void addScore(String team, Score s) {
 84            if(team.equals(home)) {
 85                if (s == Score.TRY) {
 86                    homeTry++;
 87                    homeScore += 5;
 88                } else if (s == Score.CONVERSION) {
 89                    homeScore += 2;
 90                } else if (s == Score.PENALTY) {
 91                    homeScore += 3;
 92                } else if (s == Score.DROP_GOAL) {
 93                    homeScore += 3;
 94                }
 95            } else if(team.equals(away)) {
 96                if (s == Score.TRY) {
 97                    awayTry++;
 98                    awayScore += 5;
 99                } else if (s == Score.CONVERSION) {
100                    awayScore += 2;
101                } else if (s == Score.PENALTY) {
102                    awayScore += 3;
103                } else if (s == Score.DROP_GOAL) {
104                    awayScore += 3;
105                }
106            }
107        }
108
109        public int getScore(String team) {
110            if (team.equals(home)) {
111                return homeScore;
112            } else {
113                return awayScore;
114            }
115        }
116 }
117
```