|  |
| --- |
| **Square** |
| - width : double |
| + Square() |
| Square(double) |
| getArea() : double |
| + getPerimeter() :double |
| + getWidth() : double |

|  |
| --- |
| **Bond** |
| **-** coupon : double |
| - payments : int |
| - interest : double |
| - valueMaturity : double |
| Bond() |
| Bond(double, int, double) |
| + getPrice() : double |

|  |
| --- |
| **Player** |
| - name : String |
| - goals : int |
| - team : String |
| Player() |
| Player(String, int, String |
| + setName(String) : void |
| + setTeam(String) : void |
| + setGoals(int) : void |
| + getName() : String |
| + getTeam() : String |
| + getGoals() : int |
| toString() : String |

|  |
| --- |
| **Goal** |
| - p : |
| - minute : int |
| - player : Player |
| Goal() |
| Goal(int, Player) |
| + setPlayer(Player) : void |
| + getMinute() : int |
| + getPlayer() : String |
|  |

|  |
| --- |
| **SoccerMatch** |
| - startTime : Date |
| - endTime : Date |
| - location : String |
| - home : String |
| - visitor : String |
| - homePlayers : Players[] |
| - visitorPlayers : Players[] |
| - homeGoals : Goal[] |
| - visitorGoals : Goal |
| - homePlayerCounter : int |
| - visitorPlayerCounter : int |
| - homeGoalCounter : int |
| - visitorGoalCounter : int |
| SoccerMatch() |
| SoccerMatch(Date, Date, String, String, String) |
| + addHomePlayer(Player) : void |
| + addVisitorPlayer(Player) : void |
| + addHomeGoal(Goal) : void |
| + addVisitorGoal(Goal) : void |
| + getHomeGoals() : int[] |
| + getVisitorGoals() : int[] |
| + getWinner() : String |