

Square
width:double
Square() Square(width:double) getArea():double getPerimeter():double

Bond
coupon; double payments; double interest; double valueMaturity; double
Bond() Bond(double coupon, int payments, double interest, double valueMaturity) getPrice(): double

Player
name: String goals: int team: String
Player() Player(String name, int goals, String team) setName(String name) setTeam(String team) setGoals(int goals) getName(): String getTeam(): String getGoals(): int toString(): String

Goal
minute: int player: Player
Goal() Goal(int minute, Player player) setMinute(int): void setPlayer(Player): void getMinute():int getPlayer():Player toString():String

SoccerMatch

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startTime: Date  
endTime: Date  
location: Sting  
home: String  
visitor: String  
homePlayerCounter: int  
visitorPlayerCounter: int  
homeGoalCounter: int  
visitGoalCounter: int
```

```
SoccerMatch()  
SoccerMatch(Date startTime, Date endTime, String location,  
String home, String visitor)  
addHomePlayer(Player): void  
addVisitorPlayer(Player): void  
addHomeGoal(Goal): void  
addVisitorGoal(Goal): void  
getHomeGoals(): int[]  
getVisitorGoals(): int[]  
getWinner(): String  
main(String[] args): void
```