Square

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

Bond

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

Player

name: String
goals: int
team: String

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

Goal

minute: int
player: Player

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

SoccerMatch

startTime: Date
endTime: Date
location: String
home: String
visitor: String
homePlayers: Player[]
visitorPlayers: Player[]

SoccerMatch()
SoccerMatch(startTime: Date, home: String,
              visitor: String)
addHomePlayer(p: Player)
addVisitorPlayer(p: Player)
getWinner(): String
addHomeGoal(g: Goal)
addVisitorGoal(g: Goal)
getHomeGoals(): Goal[]
getVisitorGoals(): Goal[]