Square

+ width : Double

+ Square(): None
+ Square(width: Double): None
+ getArea(): Double
+ getPerimeter(): Double

Bond

+ coupon: Double
+ payments: int
+ interest: Double
+valueMaturity: Double

+Bond(): None
+Bond(coupon : Double,payments : int, interest : Double,valueMaturity: Double): None
+getPrice(): Double

SoccerMatch

+startTime: Date
+endTime: Date
+location: String
+home: String
+visitor: String
-homePlayers: Player[11]
-visitorPlayers: Player[11]
-homeGoals: Goal[10]
-visitorGoals: Goal[10]

+SoccerMatch(): None
+SoccerMatch(startTime : Date, homePlayers : Player[] , visitorPlayers:Player[]):None
+addHomePlayer(player :Player):None
+addVisitorPlayer(player :Player):None
+getWinner():String
+addHomeGoal(goal : Goal):None
+addVisitorGoal(goal : Goal):None
+getHomeGoals():Goals[]
+getVisitorGoals():Goals[]

Player

-name: String
-goals: int
-team: String

+Player():None
+getName(): String
+setName(name : String):none
+getGoals():int
+setGoals(goals: int):none
+getTeam():String
+setTeam(team : string):none

Goal

-minute: Date
-player: Player

+Goal(): None
+Goal(minute: Date, player : Player):None
+ setMinute(minute : Date):None
+getMinute(): Date
+setPlayer(player : Player):None
+getPlayer():Player