

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
startTime: Date endTime: Date location: String home: String visitor: String homePlayerCounter: int visitorPlayerCounter: int homeGoalCounter: int visitorGoalCounter: int
SoccerMatch() SoccerMatch(Date startTlme, 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