1.

| Square |
| --- |
| -width : double |
| +Square()<br>+Square(newWidth : double)<br>+getArea() : double<br>+getPerimeter(): double |

2.

| Bond |
| --- |
| -coupon : double<br>-payments : int<br>-interest : double<br>-valueMaturity : double |
| +Bond()<br>+Bond(coupon : double, payments : int, interest : double, valueMaturity : double)<br>+getPrice() : double |

3.

| SoccerMatch |
| --- |
| -startTime : double<br>-endTime : double<br>-location : String<br>-home : String<br>-visitor : String<br>-homePlayers : array<Players><br>-visitorPlayers : array<Players><br>-homeGoals : array<Goals><br>-visitorGoals : array<Goals> |
| +Match()<br>+Match(startTime : double, home : String, visitor : String)<br>+addHomePlayer(Player p)<br>+addVisitorPlayer(Player p)<br>+getWinner() : String<br>+addHomeGoal(Goal g)<br>+addVisitorGoal(Goal g)<br>+getHomeGoal(Goal g)<br>+getVisitorGoal(Goal g) |

| Player |
|---|
| -name : String<br>-goals : int<br>-team : String |
| +Player()<br>+setName(name: String)<br>+setGoals(goals: String)<br>+setTeam(team: String)<br>+getName() : String<br>+getGoals(): int<br>+getTeam(): String |

| Goal |
|---|
| -minute : int<br>-player : String |
| +Goal()<br>+setMinute(minute : int)<br>+setPlayer(player : String)<br>+getMinute() : int<br>+getPlayer() : String |