

1. Square

Square
Width: double
Square() (this is a no-arg constructor) Square(width: double) getPerimeter() : double getArea(): double

2. Bond

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

3. Soccer Match

Soccer Match
startTime: date endTime: date location: string home: string visitor: string homePlayers: array[11] visitorPlayers: array[11] homeGoals: array[10] visitorGoals: array[10]
newMatch() newMatch(startTime: date, endTime: date) addHomePlayer(Player p) addVisitorPlayer(Player p) getWinner()

```
addHomeGoal(Goal g)
addVisitorGoal(Goal g)
getHomeGoals()
getVisitorGoals()
```

Player

```
name: string
goals: int
team: string
```

```
newPlayer()
getName(): string
setName(): string
getGoals(): int
setGoals(): int
getTeam(): string
setTeam(): string
```

Goal

```
minute: int
player: string
```

```
newGoal()
getMinute(): int
setMinute(): int
getPlayer(): string
setPlayer(): string
```