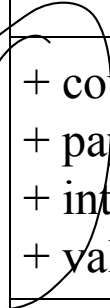


Lab 6 : Problem 1

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

Lab 6 : Problem 2

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

Lab 6 : Problem 3

Soccer Match



- + startTime: Date
- + endTime: Date
- + location: String
- + home: String
- + visitor: String
- + homePlayers: Player[]
- + visitorPlayers: Player[]
- + homeGoals: Goal []
- + visitorGoals: Goal []
- + numberOfHomePlayers: int
- + numberOfVisitorPlayers: int
- + numberOfHomeGoals: int
- + numberOfVisitorGoals: int

- + SoccerMatch()
- + SoccerMatch(startTime: Date, home: String, visitor: String)
- + addHomePlayer(): void
- + addVisitorPlayer():void
- + getWinner(): String
- + addHomeGoal(): void
- + addVisitorGoal(): void

Player

+ name: String
+ goals: int
+ team: String

+ Player()
+ getName(): String
+ setName(): void
+ getGoals(): int
+ setGoals(): void
+ getTeam(): String
+ setTeam(): void

Goal

+ minute: int
+ player: Player

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