

Students: Sergi de Vicente Viladevall
Marti Armengol Ayala

Seminar 1:

• Exercise 1

Football Player

- name: String - tackles: int
- age: int - passes: int
- gender: int - shots: int
- nationality: string - assists: int
- matchesPlayed: int - goalsScored: int

+ getGender(): int
+ getName(): String
+ getAge(): int
+ getNationality(): string
+ updateStats (matchesPlayed: int, tackles: int,
passes: int, shots: int, assists: int, goalsScored: int)

(constructor?)

Class name → 1 word

• Exercise 2

Football Team

- name: String - wins: int
- country: string - ties: int
- genderClass: int - losses: int
- players[]: footballPlayer - goalsScored: int
- matchesPlayed: int - goalsAgainst: int

+ getName(): String
+ getCountry(): String
+ getGenderClass(): int
+ addPlayer (players[]: footballPlayer, player: footballPlayer)
+ removePlayer (players[]: footballPlayer, player: footballPlayer)
+ updateStats (matchesPlayed: int, wins: int,
ties: int, losses: int, goalsScored: int, goalsAgainst: int)

(constructor?)

data type: List of Player