

Player	
- name: String	- passes: int
- age: int	- shots: int
- gender: Gender	- assists: int
- nationality: Country	- goalsScored
- matchesPlayed: int	
- tackles: int	
+ getter_methods	
+ updateStats(matchesPlayed: int, tackles: int, passes: int, shots: int, assists: int, goalsScored: int)	
+ Player(n: String, a: int, g: Gender, h: Country)	
+ updateStats(m: Match)	

Team	
- name: String	- wins: int
- countr: Country	- ties: int
- gender: Gender	- losses: int
- players[]: list of Player	- goalsScored: int
- matchesPlayed: int	- goalsAgainst: int
+ getter_methods	
+ addPlayer(players[]: list of Player, player: Player)	
+ removePlayer(players[]: list of Player, player: Player)	
+ updateStats(m: Match)	
+ Team(name: String, country: Country, gender: Gender)	

Match	
- homeTeam: Team	- homeGoals: int
- awayTeam: Team	- awayGoals: int
- homeScores: list of Player	
- awayScores: list of Player	
+ Match(t1: Team, t2: Team)	
+ getter_methods	
+ simulate_match()	
+ print_match	

Country	
- name: String	
+ Country(n: String)	
+ getName(): String	

League	
- country: Country	- numMatches: int
- gender: Gender	- goalScorers[]: list of Player
- leagueTeam[]: list of Team	
- name: String	
+ League(h: String, c: Country, g: Gender)	
+ addTeam(team: Team)	
+ removeTeam(team: Team)	
+ playMatch(match: Match)	

+ generateMatches()  
+ simulateMatches()

Diagram:

