(3) Soccer Match

startTime : Date
endTime : Date
location : String
home : String
Visitor : String
homePlayers : array[11]
visitorPlayers : static array[11]
homeGoals : array[10]
visitorGoals : array[10]
numberOfHomePlayers : int
numberOfVisitorPlayers : static int
numberOfHomeGoals : int
numberOfVisitorGoals : int

SoccerMatch()
SoccerMatch(startTime : Date,
       home : String,
      visitor : String)

addHomePlayer(player p)
addVisitorPlayer(Player p)

getWinner()
addHomeGoal(Goal g_1)
addVisitorGoal(Goal g_1)

Player

name : String
goals : int
team : String

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getName()
getName() : String
setName() : String
getGoals() : int
setGoals() : int
getTeam : String
setTeam : String

Goal

minute : int
player : player

Goal()
Goal() : int
getMinute() : int
setMinute : int
getPlayer() :
setPlayer() :