## **NFLPlayer**

- name: String - height: int - weight: int - position: String - firstYear: int - touchdowns: int - interceptions: int - yards: int - rating: double - college: String

+NFLPlayer()

+NFLPlayer(name: String, height: int, weight: int, birthdate: Date, firstYear: int, touchdowns: int, interceptions: int, yards: int, rating: float, college: String)

+toString(): String +getName(): String

+setName(name: String): void

+getHeight(): int

+getFormattedHeight(): String +setHeight(height: int): void

+getWeight(): int

+setWeight(weight: int): void

+getPosition(): String

+setPosition(position: String): void

+getFirstYear(): int

+setFirstYear(firstYear: int): void +getYearsOfExperience(): int

+getTouchdowns(): int

+setTouchdowns(touchdowns: int): void +increaseTouchdowns(additional: int): int +getInterceptions(): int

+setInterceptions(touchdowns: int): void +increaseInterceptions(additional: int): int

+getYards(): int

+setYards(yards: int): void

+increaseYards(additional: int): int

+getRating(): double

+setRating(rating: double): void

+getCollege(): String

+setCollege(college: String): void