

# HealthProfile.cpp

- firstName: string
- lastName: string
- gender: string
  - month: int
  - day: int
  - year: int
- height: double
- weight: int
- age: int
- BMI: double
- MHR: int
- THR: double

<< constructor >> + HealthProfile (firstName, lastName, gender, month, day, year, weight, height, currentDay, currentMonth, currentYear): string, string, string, int, int, int, int, double, int, int, int

- setAge(currentDay: int, currentMonth: int, currentYear: int)

- getAge (): int

- getBMI: double

- getMaximumHeartRate: int

- getTargetHeartRate: double

- getInformation()

- setFirstName ( fname: string )

- getFirstName (): string

- setLastName ( lname: string )

- getLastName (): string

- setGender ( your\_gender: string )

- getGender (): string

- setMonth ( presentmonth: int )

- getMonth (): int

- setDay ( presentday: int )

- getDay (): int

- setYear ( presentyear: int )

- getYear (): int

- setHeight ( patient\_height: double )

- getHeight(): double

- setWeight ( patient\_weight: int )

- getWeight (): int