SATURDAY, ISRAEL DUFF
DEPT: COMPUTER SCIENCE
REG NO: PDS/2013/2017

UML MODEL FOR THE CLASS HealthProfile

HealthProfile

- FirstName:String
- LastName:String
- gender:String
- month:String
- day:Integer
- year:Integer
- weight:Integer
- height:Integer
- age:Integer

+ getFirstName( ):String

+ getLastName( ):String

+ getGender( ):String

+ getMonth( ):Integer

+ getDay():Integer

+ getYear( ):Integer

+ getHeight( ):Double

+ getWeight( ):Integer

+ getAge():Integer

+ getBMI( ):Double

+ getMaximumHeartRate( ):Double

+ getTargetHeartRate( ):Double

+ getInformation( ):Void

+ setFirstName(fname:String):Void

+ setLastName(lname:String):Void

+ setGender(new_gender:String):Void

+ setMonth(new month:Integer

+ setDay(new_day:Integer):Void

+ setYear(new_year:Integer):Void

+ setHeight(new_height:Double):Void

+ setWeight(new_weight:Integer):Void

+ setAge(currYear:Integer, currMonth:Integer, currDay:integer, birth_year:Integer, birth_month:integer, birth_day:integer):Void

«constructor» + HealthProfile(firstName:String, lastName:String, gender:String, month:Integer, day:integer, year:integer, weight:Integer, height:Double, currentDay, currentMonth, currentYear)