Name: Joseph, John Ebim

Reg No: 45644051DB

Department: Statistics

UML Diagram for Class Health Profile

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):Void** **+ 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)**