Emma Wu

Project 2

Milestone 2

Math for calculating BMI

1. converting Pounds to kilograms

B= pound B\*0.45=kilograms

2. converting Inches to Meters

(feet \* 12 = inches)

I=inches I\*0.025=meters

3. Square the height in meters

meter\*meter= squared meters

4. Calculate BMI

Weight in KG / height in meters squared

BMI categories

<18.5 = underweight

18.5-25 = normal

25-35 = overweight

>35 =Obese

Math in Java

//setting variables

int weight = 0

int heightFeet= 0

int heightInches= 0

//allows user to enter the numbers

calculation

int meter = ((heightFeet \*12)+ heightInches) \* 0.025

int kg= weight \* 0.45

int square = meter \*meter

int bmi = kg / square

//then display the result