

CSCD 210

Lab 8

LAB 8 PROGRAM SPECIFICATIONS:

The purpose of Lab 8 is continued understanding of writing to an API specification, and an introduction to method overloading. I have provided CSCD210Lab8.java. You may not change anything in this java file. If you add anything or change anything in CSCD210Lab8.java then you will receive 0 points for this lab.

To calculate BMI the formula is $\text{weight (lbs)} / \text{height (inches)}^2 * 703$

- BMI < 18.5 is underweight
- BMI 18.6 to 24.9 is normal
- BMI 25.1 to 29.9 is overweight
- BMI > 29.9 is obese

TURN IN:

A zip file of your Lab8 folder containing:

- The proper packages and all your and my code
- cscd210Lab8out.txt – at least 4 sample runs of your program

Name your zip file your last name first letter of your first name lab8.zip (Example: steinerslab8.zip)

SAMPLE OUTPUT

Please enter the person's name `Stu Steiner`

Please enter your height `72`

Please enter your weight `237`

Stu Steiner with a weight of 237.000000 and a height of 72.000000, your BMI is 32.139468 you are obese.

Would you like to calculate another BMI (Yes/No) `nope`

Would you like to calculate another BMI (Yes/No) `yess`

Would you like to calculate another BMI (Yes/No) `no`