CSCD 210
Lab 9

PROGRAM SPECIFICATIONS:

Write the methods to calculate a person's body mass index (BMI). The user will be prompted for their name, their weight in pounds and their height in inches. The formula is

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

- BMI < 18.5 is under weight
- BMI 18.6 to 24.9 is normal weight
- BMI 25.1 to 29.9 is over weight
- BMI > 29.9 is obese

TURN IN:
A zip file containing Lab9 with:
- All packages and Java code
- cscd210Lab9out.txt – at least 4 sample runs of your program

Name your zip file your last name first letter of your first name lab9.zip (Example: steinerslab9.zip)

SAMPLE OUTPUT – INVALID POSTCONDITION
```
Please enter the person's name fred
Please enter your height 5.10
Please enter your weight 234
fred with a weight of 234.000000 and a height of 5.100000, your BMI is
6324.567474 you are obese.
Would you like to try again? (Yes/No): Invalid input, please enter yes or
no:
```

SAMPLE OUTPUT-VALID
```
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
```