Purpose: Creating and testing an instantiable class

Topic: To Your Health company would like the ability to calculate a customer’s Body Mass Index (BMI). Since their customers are from various backgrounds, they need the ability to enter their height and weight in metric or standard measurements. For metric, height will be entered in centimeters and weight in kilograms. For standard, height will be entered in inches and weight in pounds. Two classes will be required: an instantiable class AND a class to test the instantiable class.

* First create a classed called BMI (NO main method) that will be used to instantiate BMI objects
  + Code three instance variables (does not have a static modifier) of integer type named weight, height, and option
  + Code a default constructor that sets weight to 70, height to 170 and option to 1 (metric)
  + Code an overloaded constructor that accepts the weight, height and option
  + Code getters and setters for each field
    - In setters for weight and height, be sure to validate for > 0, if not, set to default values based on the option
  + Code a method that calculates and returns the BMI based on the option (metric or standard)
  + Code a toString method that returns the data from the object in the following format: “BMI is 99.99 and is consider XXXXXXXXXXXX”
* Create a second class called BMITest (with a main method), to make sure your BMI class features work
  + Be sure to test all parts of your class:
    - Both constructors
    - Getters
    - Setters
    - All other methods (calcs and toString)
  + Hard code the values necessary to test. No need to prompt user.

**Project is worth 20 points.**