HOMEWORK GOAL

This is an individual homework grade. The assignment is to write a Student class that will be tested by the Test program driver that I provide for you in this assignment.

PROGRAM REQUIREMENTS

You will add the class Student to the program by defining the class and testing it. A student has a first name and a last name (strings) and 3 test grades. Include gets and sets for all attributes. Include a get that will give you a string containing the first and last name combined into a single string. Include a get that gives you the average of the student's grades.

ADDITIONAL INFORMATION

- Test your class with the provided program code below.
- You will need to write both constructors
- You will need to write the gets/sets needed for this program solution.
- Put your comments into the javadocs format for each function

TO TURN IN

Turn in a copy of a single **Student.java** file containing only your Student class solution to Canvas. PLEASE MAKE SURE THE PACKAGE NAME in this program is deleted or commented out before turning in the file.   I will run it with my test program.

This program is due before midnight on the due date.

```java
public class StudentTester {

  /**
   * main entry to the test program
   * @param args command line arguments, unused at this time
   */
  public static void main(String[] args)
  {
    Student student1 = new Student("Beth", "Allen", 100, 100, 100);  // fill with constructor
    Student student2 = new Student(); // will be filled with set methods

    student2.setFirstName("Bob");
    student2.setTestGrades(80,85,82);
    System.out.println("Program 1 - uses hardcoded statements to set a student's data.");
    System.out.println("The two Student's names and averages are: ");

    System.out.println(student1.getFullName() + ": " + student1.getAverage());
    System.out.println(student2.getFullName() + ": " + student2.getAverage());

  }
}
```