Due: Thursday, February 4

HOMEWORK GOAL

This is an individual homework grade. The assignment is to modify program 4 to read in a list of students.

PROGRAM REQUIREMENTS

Prompt the user for the name of an input text data file. Open the file and read one student's data per line.
Store all of the students in an ArrayList of student objects.

ADDITIONAL INFORMATION

- An example execution is shown below. Your code should work for any number of test grades entered on the line. And any number of students in the data file.
- An example file for the sample shown is given at the end of this assignment document.
- You can either enter the full file path or use a local file that is stored in the same directory as your project file.
- You may assume all of the data in the input file is valid. There are no data errors.

TO TURN IN

Zip your project up and submit it to canvas. I will set canvas to accept .zip, .gz, .7z or .tar files.

This program is due before midnight on the due date.

Example execution on command line window, user input is show in *green*.

Enter a the name of the input data file:
in1.txt

The student list from the data file contains 3 student entries
The students are:
Beth Allen has 3 grades and an average of 100.0
John Smith has 2 grades and an average of 87.0
Bob Jones has 5 grades and an average of 69.6

One Example Input File:

```
Beth Allen 100 100 100
John Smith 98 76
Bob Jones 45 65 75 89 74
```