**Semester Project Rubric: 200 points total**

**Pseudocode (Due Tue 11/13/2018):** 20 points

1. UML Diagrams of your classes and pseudocode of methods you will use.
2. Input design.
3. Output design.

**Specific Requirements Comments:** 20 points

Put a comment in the code where you have included the following requirements. For example /\*Req 1\*/ for requirement number 1.

1. Display your name when the project runs.
2. Accept both String and numeric input from the user. Use input validation
3. Use at least one method from TWO of the following classes:
   1. String
   2. Math
   3. Random
4. Include at least one if statement
5. Include at least one switch statement
6. Include at least one loop statement
7. Include a method that you create. Method should receive data and return a value.
8. Include a class that you create
9. Include an array or arraylist
10. Include either reading data from a text file or writing data to a text file

**Project meets requirements above:** 100 points

**Project idea, content, and completeness:** 20 points

**Program Design and Logic:** 30 points

**Presentation:** 30 points