Assignment 1 Report  
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1. **Functional Requirements:**

* Takes in integers entered by the user
* Has common mathematical functionality (addition, subtraction, multiplication, division, etc.) as well as more complex functions (log, sin, cos, etc.)
* Converts a number from positive to negative and vice versa
* User can store and later retrieve a value stored in memory

1. **Non-functional Requirements:**

* The platform of the program is within a GUI
* The programming language used to make the program was JAVA
* Arrangement of numbers is similar to that of a regular calculator
* Accept numbers up to 8 digits

1. **List of tests:**

* Testing multiple scenarios of each math function, including using the Load Save buttons intermittently with each use case.
* Compared results of each mathematical function with other calculators to determine accuracy.

1. **Initial Estimate of time required to complete the project:** 4 hours
2. **Actual time required:** 8 Hours
3. **Most difficult part of the assignment:** Deciding how to divide the project among 5 people. Lack of time spent together planning how to complete the project.
4. **Insights:**

* Even though the actual calculator program is simple, the process of planning, implementing, and testing the project is much more difficult than it seems.
* There is potential for working in groups to be very efficient.