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CMSC 330

Project 2

12/11/2022

Test Cases

Since this objective is to allow for multiple inputs to be accepted from an input file, I was able to complete and capture each test case in one screenshot. Below is a screenshot of the input file used for the program.

Text

Description automatically generated

As you can see, the first line tests for the added minus, times, and divide classes. The second line tests the equalTo and or classes. The third line tests the conditional and the negation classes. Finally, the last line tests the lessThan, greaterThan, and the and classes.

Text

Description automatically generated

Conclusion

I ran my code using the CodeLite IDE. This was a very challenging project as it was my first full project with C++, my previous experience has consisted mostly of java and python. One of my initial challenges was the header files that I was not very much familiar with and configuring them for the new operators. Luckily enough, the syntax was similar enough to that of python and java for me to able to figure out how to complete the project with some additional learning of course. So overall I enjoyed working on this project as I plan to continue to learn and master C++.