Project #1B
CS 3510 – Spring 2014
Seth Yost, Mitch Birti

I. <u>Requirements</u>:
Develop a Scanner using JFLex, which can tokenize a program written in the C- language described in the Appendix A of the text.

II. <u>Design</u>:
We used the Jflex Java sample and cut it down a lot. We then added a bunch of directives to make the output class implement Scanner.

III. <u>Implementation</u>:
We had to change the constructor of our hand-written CMinusScanner to accept a BufferedReader instead of a CharReader to accommodate how Jflex implemented their constructor. We also wrote two custom methods to wrap yylex() into the two methods required by the Scanner interface.

IV. <u>Testing</u>:
We just changed the Tester so it made a LexCMinusScanner instead of a CminusScanner.

V. <u>Summary/Conclusion:</u>
This was really easy. No problems here.