CSCI 531 Spring 2010
PROGRAMMING ASSIGNMENT 2
Assigned Tuesday, 2010-02-16. Due Tuesday, 2010-02-27

The purposes of this exercise are to insure that you can run the JLex lexical analyzer generator. Please use the Unix dropbox, *not* the Blackboard dropbox.

1. Review the discussion of JLex in the handout. Refer to `http://www.cs.princeton.edu/~appel/modern/java/JLex/` for more information on JLex.

2. Make sure that your .cshrc or .tcshrc file include the line `source /usr/local/etc/csce531/csce531-spring07.csh` or the `.bash` equivalent at `/usr/local/etc/csce531` if you use the bash shell.

3. Copy the sample JLex specification in `http://www.cs.princeton.edu/~appel/modern/java/JLex/current/sample.lex`

4. Run JLex by issuing the following command at the Unix prompt: java JLex.Main sample.lex

5. Save your interaction in a file (call it `jlex1`, either by cutting and pasting or by using the Unix script command.

6. Repeat using the file in Figure 2.9 (Section 2.5) of the lexical analysis handout. Rename the file containing this interaction `jlex2`. (There are small errors. Find them and fix them!)

7. Paste `jlex1`, `jlex2` and the file of Figure 2.9 into a single file, name that file `jlex`, and submit using dropbox.