User Manual

CPSC 411 Assignment 1
Chandler Bullock
Akaljot Sangha

Once the C minus file is prepared (input.cm), run the flex file with the command:

- $ flex a1.flex

A file named lex.yy.c should appear in the current directory.

Compile this file with the following command:

- $ gcc lex.yy.c –lfl –o yourExecutableName

Once you get the generated executable scanner, use the following command to run it:

- $ ./yourExecutableName input.cm

Capabilities:

The scanner can generate the output specified in Figure 2 of the Assignment 1 page

The scanner can generate and handle error codes as follows:

- When an invalid character that cannot begin any token is encountered, a string containing just that character will be returned and the lexing will continue.
- If there is a comment that is open when EOF(End Of File) is encountered, the message "EOF in comment" will be shown.
- The combination "*/" will return "Unmatched */" if encountered outside of a comment
- Multi-line comments are implemented and functioning properly (Bonus).

Limitations:

- The file to output to cannot be specified at command line (Was not required in this Assignment). Results will be printed to "out.txt"