CSE341 – Programming Languages (Fall 2015)
Project 1 – Part 1

Handed out: 11:00am Thursday October 15, 2015.

Due: 12:55pm Thursday September 29, 2015.

Hand-in Policy: Source (modified file and additional if needed) should be submitted online on Moodle by the submission deadline. No late submissions will be accepted.

Collaboration Policy: No collaboration is permitted. Any cheating (copying someone elses work in any form) will result in a grade of -200 for the first offense and -400 for the subsequent attempts.

Grading: Each project will be graded on the scale 200. Unless otherwise noted, the questions/parts will be weighed equal.

Coffee Language Parse (200 points): Given the description of the **Coffee** language (CoffeLanguage_Syntax.pdf) you are asked to implement the lexer that does the tokenization of the input stream. You will start with the code provided and complet the parts that throws an exception.

The only file that you are required to modify is "lexer.java".

Grading: Full score would require the lexer code to implement the proper regular expression or DFA for identifiers as well as integer values. You may not use available Java code for regular expression finding such "Java.Util.Regex". 40 points will be taken away for those not implementing a proper DFA or regular expression reader.