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CST8152 Compilers

Section 402

Assignment 2 – Scanner

Professor Sv. Ranev

Due Date: 25th October, 2013

Submission Date: 6th November, 2013

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Regular Expressions

Transition Table/Diagram

scanner.c

table.h

a2r.out

a2w.out

a2emp.out

a2err.out

a2line.out

Test Plan

In order to make sure the scanner was working properly I used the provided test files to check the functionality. In addition to this I ran the a2error.pls file with an additional line of code added in to make sure that the scanner was also counting the lines of the input file correctly and output the result to a2line.out. The resulting output from this test showed that the lines were being counted appropriately and matched the input. After running each of the files and checking the output against what they should be outputting, I found that the files matched properly.