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CST8152 Compilers

Lab Section 402

Assignment 1 – Buffer

Professor Sv. Ranev

Due Date: 25th September, 2013

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Contents:

Test Plan

buffer.h

buffer.c

ass1mi.out

ass1fi.out

ass1ai.out

ass1e.out

Test Plan

In order to make sure the buffer was working properly I used the provided test files to check the functionality. Both “ass1.pls” and “ass1e.pls” were to be tested with each mode of the buffer to check for crashes, abnormal behaviour or loading errors. I also used a text file copy of the book “Oliver Twist” in order to check how the buffer handled files larger than its capacity which would cause it to overflow if not checked.

After running each of the files and checking the output against what they should be outputting, I found that the files matched properly and when “Oliver Twist” was loaded it did not overflow and reached the max capacity that it could.