CSC-415-01 Fall 2020
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Project: Assignment 5 – Buffered I/O - Continued - Buffered Write
Github: rinaykumar
Link: https://github.com/CSC415-Fall2020/assignment-5-buffered-i-o-write-rinaykumar

Description:

In this assignment, an additional method b_write was added to the buffered I/O program from assignment 2. The method was a buffered write, following the same principles of the buffered read function b_read. At first I thought the same logic as b_read could be used with minor adjustments for write() calls instead of read() calls, however this implementation was not functioning as was required. So I started from scratch, and first implemented the write() function, buffering in 512 byte chunks, with the count variable set to the default 75 length. This implementation worked and resulted in a Clean.txt that was identical to the ProvidedClean.txt. The implementation did not work however when the count variable was changed to a length greater than 512. To try and keep code that was already written, I implemented a separate logic block for when the count was greater than 512 and tested with count set to 750 and 1030. There was a bit of difficulty in getting this part of the code to work properly, but I did manage to make it work as required and expected.

Sample Output: