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/******  
* Class: CSC-415-02 Summer 2020  
* Name: Wameedh Mohammed Ali  
* Student ID: 920678405  
* Project: Assignment 5 – Buffered I/O  
*  
* File: MohammedAli_Wameedh_HW5_main.pdf  
*  
* Description: Write-up of what I did and the compilation and execution output from my  
program.  
*  
*****/
```

On Mac:

- Cloned the repo from github.
- Changed the file names to reflect my name.
- Modified the makefile.
- Modified `b_open()` by storing the flags of the file into our struct `b_fcb`
- Wrote the code that needed to be done in `b_write()`.
- Wrote the code that would write the last chunk in our buffer into the file, before the file would be closed. This code was written in `b_close()` function
- Committed and pushed to github

My code does check if the file was opened for read only or write only, however, it does not handle the condition where the file would be opened for Read/Write.

Testing on Linux:

Cloned the repo from github.

Run:

```
make run
```

Output: Next page!

```
student@student-VirtualBox: ~/Desktop/CSC415/assignment-5-buffered-write-i-o-Wameedh
File Edit View Search Terminal Help
student@student-VirtualBox:~/Desktop/CSC415/assignment-5-buffered-write-i-o-Wame
edh$ make run
gcc -c -o MohammedAli_Wameedh_HW5_main.o MohammedAli_Wameedh_HW5_main.c -g -I.
gcc -c -o b_io.o b_io.c -g -I.
gcc -o MohammedAli_Wameedh_HW5_main MohammedAli_Wameedh_HW5_main.o b_io.o -g -I.

./MohammedAli_Wameedh_HW5_main DecOfInd.txt Clean.txt
student@student-VirtualBox:~/Desktop/CSC415/assignment-5-buffered-write-i-o-Wame
edh$
```

My code created Clean.txt.

In order to be able to open Clean.txt I had to manually change the permissions setting of the file so that I would have access to it.

- Added Clean.txt to the repo
- Committed and pushed to github