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EECS 678

Lab 01 - Text Editors for Programmers

1. To begin the program, I first I opened the Vim editor by entering the command *vim simple.c* inthe terminal*.* This opened the editor for the file simple.c. Next, I pressed “v” to enter visual mode and used the cursor to highlight the first 12 lines of code. To copy these highlighted lines of code, I pressed “yy”. To quit vim I typed “:q” and then opened a new file named *a.c* by using the command “vim a.c”. To paste all 12 lines that were copied, I used the command “p”. I then used “:w” to save the file and used “:q” to exit the editor. I repeated these steps for files *b.c* and *c.c* as well.
2. To split the screen I used the “:S” command. This opened the *a.c* file two separate times and split the terminal horizontally. Next, I typed “:e c.c” to change the bottom half to the c*.c* file. I used “ctrl w” to switch to the to the bottom half.
3. I would create a tag for the function by using the line “ctags –R”. This will allow me to look for the definition of the function. Next, I would use the command “vim simple.c” and then “cntrl ]” to find where the declaration of the variable was. After finding the definition of the function or variable call I could return to where I was in the code by the command “cntrl t”.
4. I first opened the file by using the *vim* command. After this I entered “:e “ to edit the file. Next I typed ”:s%/^\s\+//e” to find and delete all the whitespace within the file.
5. I first typed “%s/Bill Self/basketball genius Bill Self/e” which searches the entire file for “*Bill Self”* and replaces it with “*basketball genius Bill Self*”. To set each line to an 80 character text width, I entered the command “gq == 80”.