**Note: Thanks to Oganes Khatchikian**

**Bash Files on MAC**

Make a folder where you would like to save your projects in. Then open TextEdit on your mac computer. Follow the next steps to setup your program to output your bash files.

Step 1:

Create a folder somewhere on your mac computer to save all your c programs you will create throughout the semester. For this How To, I have created a folder on the Desktop on the mac computer called CS230 (Again you can create it anywhere on your mac computer, please remember where you created the folder for all your projects will go).

Next your Mac comes with TextEdit, which is a perfectly good basic text editor. Be sure to choose Format > Make Plain Text so that you get a text file. Be sure to uncheck Hide Extension when you save. (**YOU MUST DO THE Make Plain Text, TO SAVE AS .c)** if you do not do this when you compile it will compile with errors

Step 2:

Open TextEdit and create your program as you would be using vim.



With textedit save the file in the folder you created where your projects will be at.

If you have done the step 1 you can save as Demo.c

**Now you have a c file, if you go to the folder you created you will see Demo.c**

Step 3:

Open Terminal, you will see:



Next type in:

**cd /Desktop/CS230/**

**hit enter**

**(If you created your folder in other directory, then: cd (your directory path) )**

**ones you are in your folder**

**do: ’ls’ you will see you Demo2.c file in the folder.**



Next do:

**Makes a object**

**gcc -c (file name .c)**

**Makes executable file**

**gcc -o (out file name) (file name .c)**

You will see **.c .o** and the **executable file** in your folder ones all is done correctly

**There is an error with the quotations. The textedit using a different quotation then the terminal, so you would need to go through the program ones you open it with vim. To fix this, vim Demo.c then go through the program to replace all the quotations.**

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**Can you see the difference from the top to the bottom?**

**The double and single quotation need to be replaced.**

However, once you compile and run you’ll see

