ELEC 377 Lab 4: Testing Document

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Testing the first script

The first script was tested using the previous labs (lab 0, 1, and 2) that contain comments in a format needed by this shell script as well as the stubs for the function for lab 3. First step was to cd to a directory with a small number of files. For our test we changed director to labs/lab0 or labs/lab1. We then ran the command ~/ELEC37-Group-59/lab4/printDoc.sh > test1out.txt. After running this command, we printed out the output to the text file and pushed it to the git (please refer to the git for this txt file). The output was compared to the contents of the file. The final test of this script ran from the lab4 folder.

.progTesting the second script

Using the command progStats.sh labs/lab0… lab1 and so on, we were able to run the script on the different labs to produce the number of main files and as well as the number of init_module files. In the case that there were no files for either case, the script returns an error saying "noe files were found"

When we ran the command for each lab, we received the main files and the init_modules files as seen below.

We are not quite sure why the path for the main file list isn't showing up. It shows up well for the module file names, and we weren't able to identify the error between the two.

```
student@ELEC377-Student:~/ELEC377-Group-59/lab4$ ./progStats.sh labs/lab0
1
Main files:
= 0,1
Module Files:
labs/lab0/lab0mod.c:7780108
```

```
student@ELEC377-Student:~/ELEC377-Group-59/lab4$ ./progStats.sh labs/lab1
1
Main files:
= 0,10
Module Files:
error: Module files not found
```

```
student@ELEC377-Student:~/ELEC377-Group-59/lab4$ ./progStats.sh labs/lab3
1
Main files:
= 0,0
= 0,3
= 0,0
Module Files:
error: Module files not found
```

```
student@ELEC377-Student:~/ELEC377-Group-59/lab4$ ./progStats.sh labs/lab2
1
Main files:
error: Main files not found
Module Files:
labs/lab2/lab2.c:4796
```