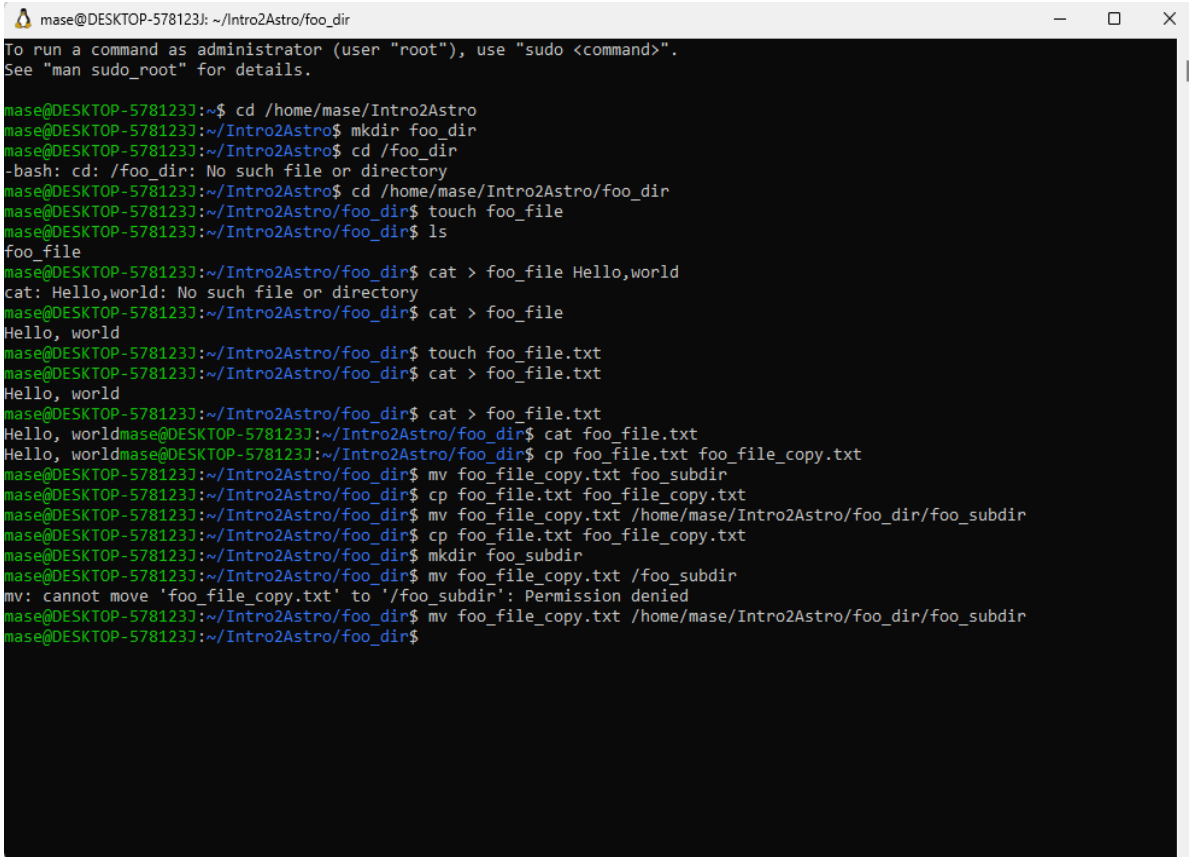
WEEK 1 SUMMARY REPORT

Masento Marco

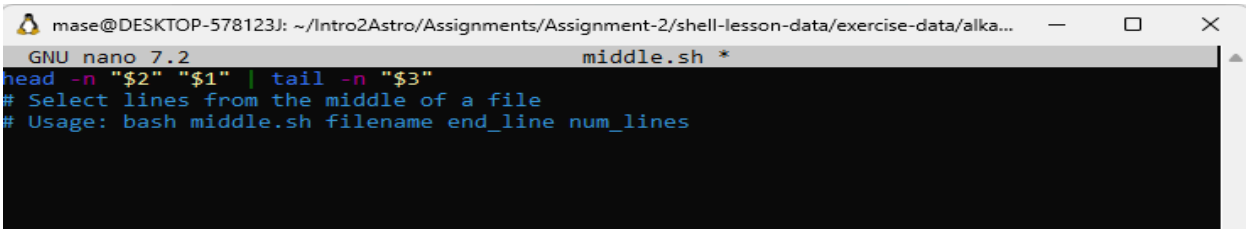
Assignment 1

I wrote the code mentioned in the slides:

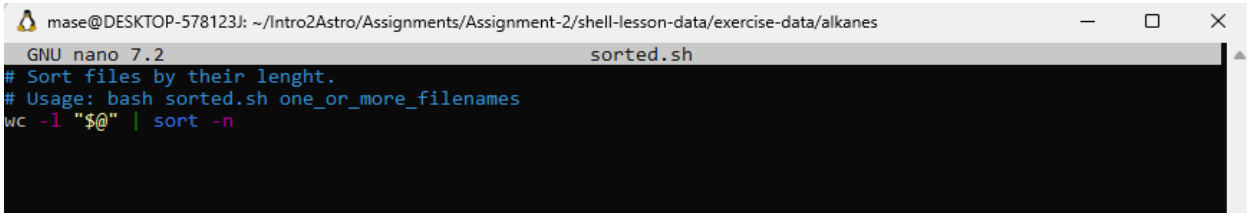


I also completed the Carpentry workshop which helped me learn more about shell scripts and how to sort and find the files and lines needed. I have uploaded on drive some of the scripts that I have done in the workshop. The following are some screenshots i took when making the scripts:

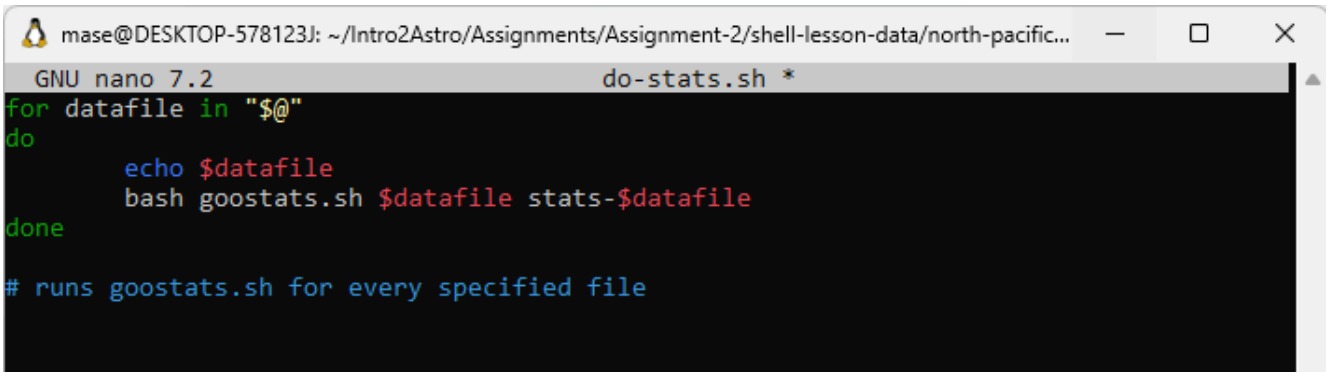
Script to display the lines in a file:



Script to sort files by their length:



Script that runs another script for every file and outputs them as stats-datafile:



List of commands that i learned:

- pwd (tells your current directory you are in)
- ~ (tells your home directory)
- ls (lists all the files and folders in the current directory)
- cd [directory] (changes the directory)
- cd - (changes the working directory to the previous directory)
- cd ~ (changes the working directory to the home directory)
- cp [source file] [target file] (copies a file with a new [target file] name)
- touch [file] (creates a new file)
- mkdir [directory] (creates a new directory)
- mv [file] [destination] (moves a file in another destination/directory)
- cat [file] (prints the contents of the file)
- head -n 10 [file] (prints the first 10 lines of the file)
- tail -n 10 [file] (prints the last 10 lines of the file)
- sort -n [file] (sorts the contents of the file in numerical order)
- For thing in list_of_things (this is the structure of a loop needed to repeat commands)

do

commands

done

- echo [string] (prints the object or string)
- history (used to display the last hundred or more commands)
- grep [string] [file] (search and return all line containing [string] in [file])
- find [string] [directory] (search and return all files in the directory)

Assignment 2

I read the articles and determined that the one that talks about a new way to communicate with extraterrestrial intelligent civilizations in the future is "Transit Lightcurve Signatures of Artificial Objects".