Pure Latex Poetry

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25 JAN 2022

1 Exercise 1

Using the `ls -ls` to list the files in order of time I found that main.log was the last changed file based on the timestamp.

Command: `ls -lt`

Disphering output:
From the output I looked at column with the timestamps becase it shows exactly when the files were last edited.

Options used:

- `-lt` orders the files by modification time

Sources of informtion:

- `man ls`: found list of options in manual

- `https://www.tecmint.com/sort-ls-output-by-last-modified-date`

2 Exercise 2

I tried the wc command by itself but I didn't specify which files to look for so it didn't return anything. As instructed I needed to create a pipeline from the list of files to the wc search.

Command: `ls | wc -l`

Disphering output:
My output of 4 means that there are 4 files in my report directory at this current time.

Options used:

- `-l` prints the newline counts

Sources of informtion:

- `man wc`: shows list of options in wc manual

3   Exercise 3

Using the `whereis ls` I was able to find the binary path of `ls` which happens to be rather short.

Command: `whereis ls`

Disphering output:
There were two printed paths from this command, but as noted in the lab manual the correct path must end `ls`.

Options used:

- `whereis ls` is just a simple mix of two commands

Sources of informtion:

- `man whereis`: shows full description of `whereis` uses

4 Exercise 4

I used the find function and there a countless readme.txt files that I dont have permission for. I filtered out all the permission denied files so I could easily see the correct full paths.

Command: `find.-namereadme.txt2>1|grep-v"Permission denied"`

- Note: there should be an ampersand between the `>` and `one`, but the script would not save or recognize it

Disphering output:
The given output displayed all files from the root directory down with name "readme.txt"

Options used:

- `-v message`: specifically finds the file with the given error message

Sources of information:

- `https://www.cyberciti.biz/faq/bash-find-exclude-all/`

5 Exercise 5

In a fairly simple process I used `top` to output a list of running programs, CPU and memory usage and it continued to update live.

Command: `top`

Disphering output:
The numerous columns output the CPU and memory usage and at the top left corner of the output shows when it last updated.

Options used:

- `top` did not need any additional arguments

Sources of information:

- `https://www.cyberciti.biz/faq/how-to-check-running`