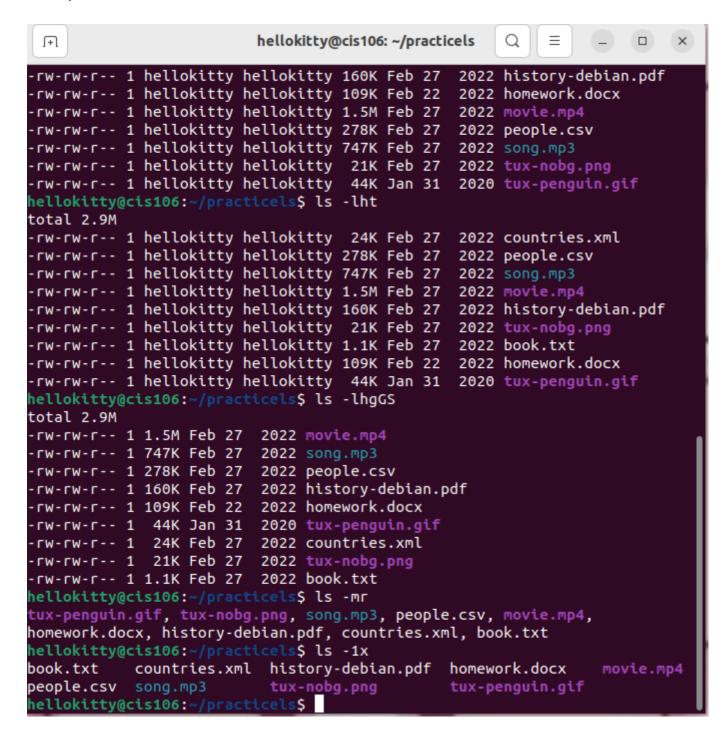
# Week Report 4

## Practice from the presentation The Linux File system:

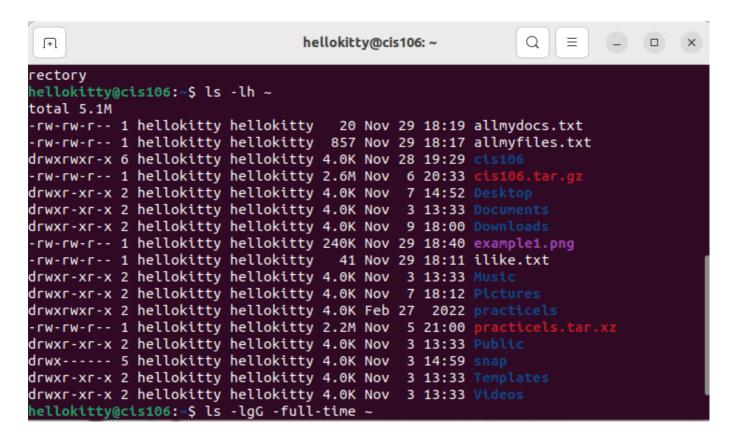
Practice 1

```
\Box
                                 hellokitty@cis106: ~
                                                                         hellokitty@cis106:~/Downloads$ pwd
/home/hellokitty/Downloads
hellokitty@cis106:~/Downloads$ /home/$USER/Downloads/
bash: /home/hellokitty/Downloads/: Is a directory
hellokitty@cis106:~/Downloads$ /home/$USER/Downloads
bash: /home/hellokitty/Downloads: Is a directory
hellokitty@cis106:~/Downloads$ pwd
/home/hellokitty/Downloads
hellokitty@cis106:~/Downloads$ cd ...
hellokitty@cis106:~$ cd ../../
hellokitty@cis106:/$ pwd
hellokitty@cis106:/$ cd -
/home/hellokitty
hellokitty@cis106:~$
```

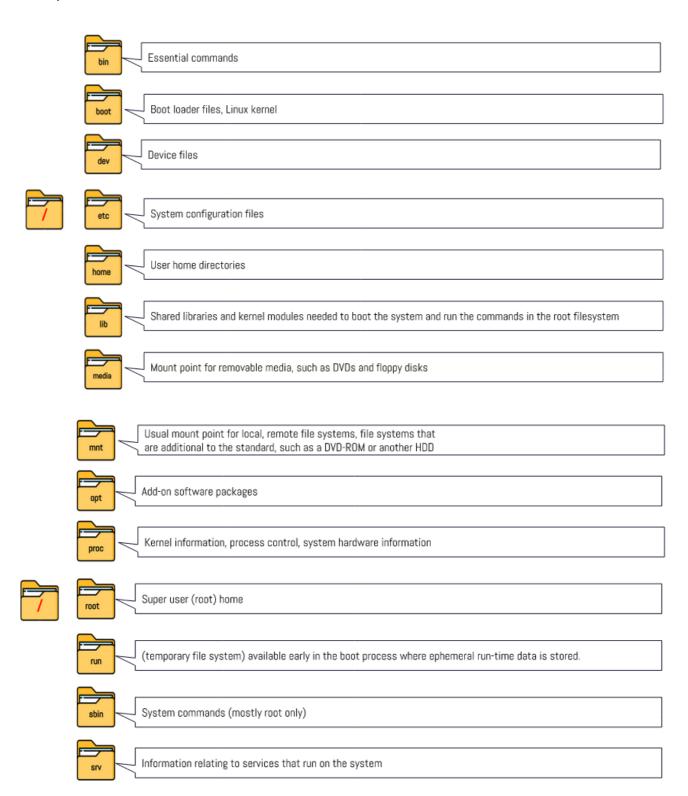
Practice 2

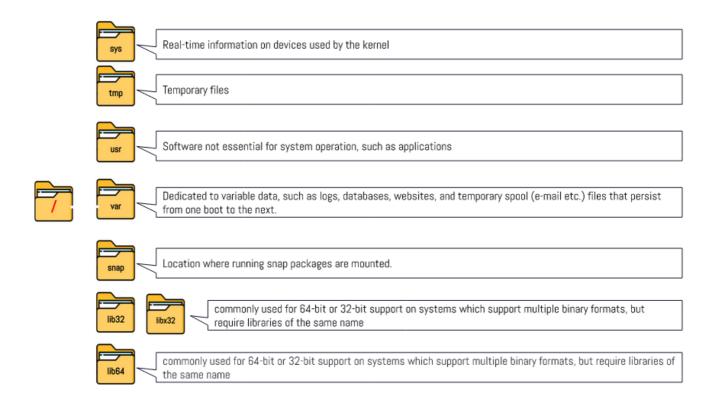


Practice 3



The Linux File system directories and their purpose:





## All the commands for navigating the filesystem

Command	What it does	Syntax	Example
pwd	used for displaying the current working directory	pwd	pwd
cd	used for changing the current working directory	cd + destination	cd downloads
ls	used for displaying all the files inside a given directory	ls' + 'option + directory to list	ls -a

## Basic terminology

- File system
- The way files are stored and organized.
- Current directory
- The directory where you are at the moment.
- parent directory
- You are always working inside a particular directory and you can move forward to a subdirectory or backwards to the previous directory
- the difference between your home directory and the home directory \*When you open your terminal emulator, your current working directory is your home directory.when you open file manager, your current working directory is the home directory.

#### pathname

• In a filesystem, every file has a pathname which indicates the location fo the file int he filesystem (like an address)

#### • absolute path

• the locaion of a file starting at the root of the file system.

#### relative path

• the location of a file starting from the current working directory or a directory that is located inside the current working directory.