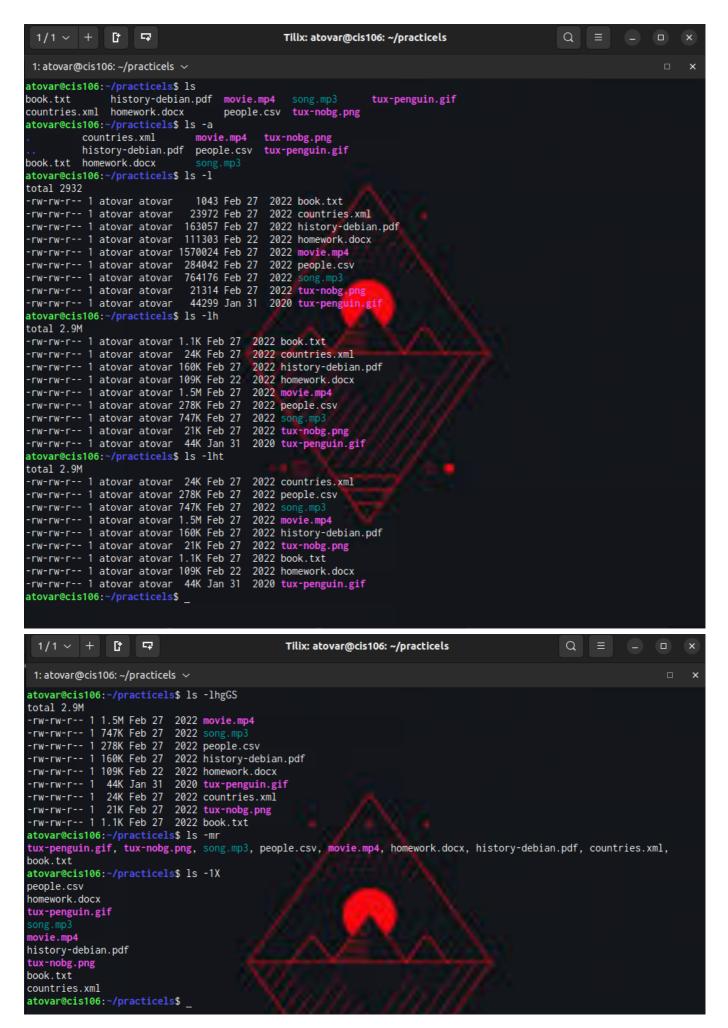
Week Report 4

PRACTICE FROM THE PRESENTATION THE LINUX FILE SYSTEM

Practice 1

```
1/1 ~ +
               D†
                    귝
                                               Tilix: atovar@cis106: ~
                                                                                         Q
 1: atovar@cis106: ~ ~
atovar@cis106:~$ pwd
/home/atovar
atovar@cis106:~$ cd /home/$USER/Downloads
atovar@cis106:~/Downloads$ pwd
/home/atovar/Downloads
atovar@cis106:~/Downloads$ cd ...
atovar@cis106:~$ cd ../../
atovar@cis106:/$ pwd
atovar@cis106:/$ cd -
/home/atovar
atovar@cis106:~$
```

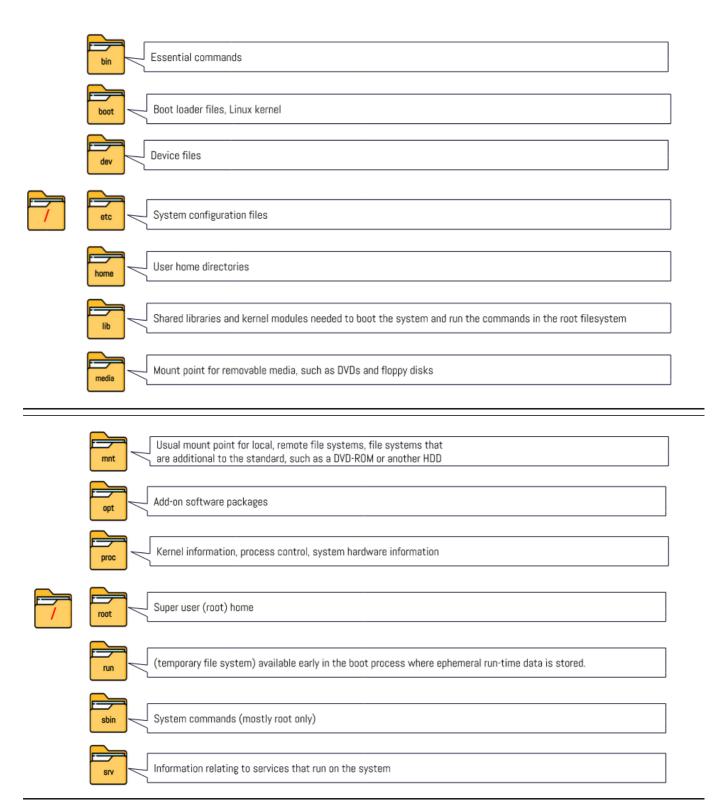
Practice 2

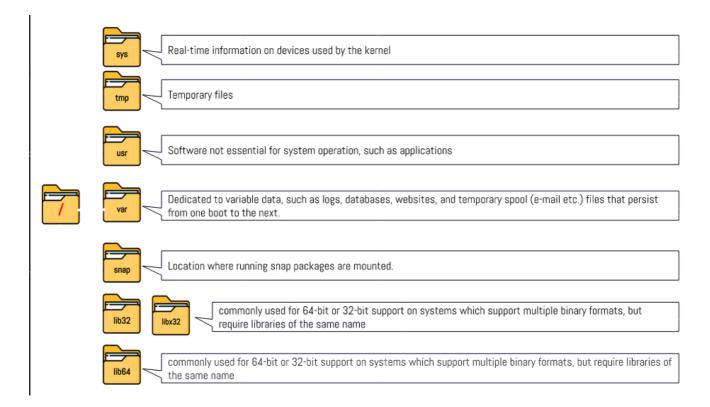


Practice 3

```
1/1 ~ +
               D†
                     귝
                                    Tilix: atovar@cis106: ~
                                                                   Q
                                                                                    ×
 1: atovar@cis106: ~ ~
                                                                                          ×
.gitconfig
                  .vboxclient-hostversion-tty2-control.pid
.gnupg
                  .vboxclient-seamless-tty2-control.pid
                  .vboxclient-seamless-tty2-service.pid
jeoPizza
joePizaa
                  .vboxclient-vmsvga-session-tty2-control.pid
                  .vboxclient-vmsvga-session-tty2-service.pid
.lesshst
Music
                  .viminfo
myproject
Pictures
atovar@cis106:/usr$ cd; ls-tX your-github-repository/
ls-tX: command not found
atovar@cis106:~$ cd; ls -tX your-github-repository/
ls: cannot access 'your-github-repository/': No such file or directory
atovar@cis106:~$ cd; ls -tX your-github-repository/
ls: cannot access 'your-github-repository/': No such file or directory
atovar@cis106:~$ ls -rR ~/your-github-repository/
ls: cannot access '/home/atovar/your-github-repository/': No such file or directory
atovar@cis106:~$ ls -lh ~
total 2.2M
drwxrwxr-x 6 atovar atovar 4.0K Oct 12 01:09 cis106
drwxr-xr-x 2 atovar atovar 4.0K Oct 11 23:39 Desktop
drwxr-xr-x 2 atovar atovar 4.0K Sep 29 18:18 Documents drwxr-xr-x 2 atovar atovar 4.0K Oct 19 21:45 Downloads
-rw-rw-r-- 1 atovar atovar 91 Sep 29 23:37 gitcommands.txt
drwxrwxr-x 3 atovar atovar 4.0K Oct 19 21:32 jeoPizza
drwxrwxr-x 3 atovar atovar 4.0K Oct 19 21:32 joePizaa
drwxr-xr-x 2 atovar atovar 4.0K Oct 19 21:51 Music
drwxrwxr-x 2 atovar atovar 4.0K Oct 19 21:51 myproject
drwxr-xr-x 2 atovar atovar 4.0K Oct 19 21:45 Pictures
drwxrwxr-x 2 atovar atovar 4.0K Feb 27 2022 practicels
-rw-rw-r-- 1 atovar atovar 2.2M Oct 14 11:22 practicels.tar.xz
drwxr-xr-x 2 atovar atovar 4.0K Sep 29 18:18 Public
drwx----- 5 atovar atovar 4.0K Sep 29 18:57 snap
drwxr-xr-x 2 atovar atovar 4.0K Sep 29 18:18 Templates
drwxr-xr-x 2 atovar atovar 4.0K Oct 19 21:45 Videos
atovar@cis106:~$ ls -lgG -full-time ~
ls: invalid option -- '-'
Try 'ls --help' for more information.
atovar@cis106:~$ ls -lgG -full-time ~
ls: invalid option -- '-'
Try 'ls --help' for more information.
atovar@cis106:~$
```

THE LINUX FILE SYSTEM DIRECTORIES AND THEIR PURPOSE





ALL THE COMMANDS FOR NAVIGATING THE FILESYSTEM

Command	What it does	Syntax	Example
pwd	prints current directory	pwd	'pwd'
cd	changes the current working directory	cd	'cd'
ls	displaying all the files inside a given directory	ls	'ls'

Basic terminology

- File system: The way files are stored and organized.
- **Current directory:** The directory where you are at the moment.
- parent directory: Moving 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 the file manager, your current working directory is the home directory.
- pathname: Which indicates the location of the file in the filesystem (like an address).
- **relative path:** The location of a file starting from the current working directory or a directory that us located inside the current working directory.
- absolute path: The location of a file starting a the root of the file system.