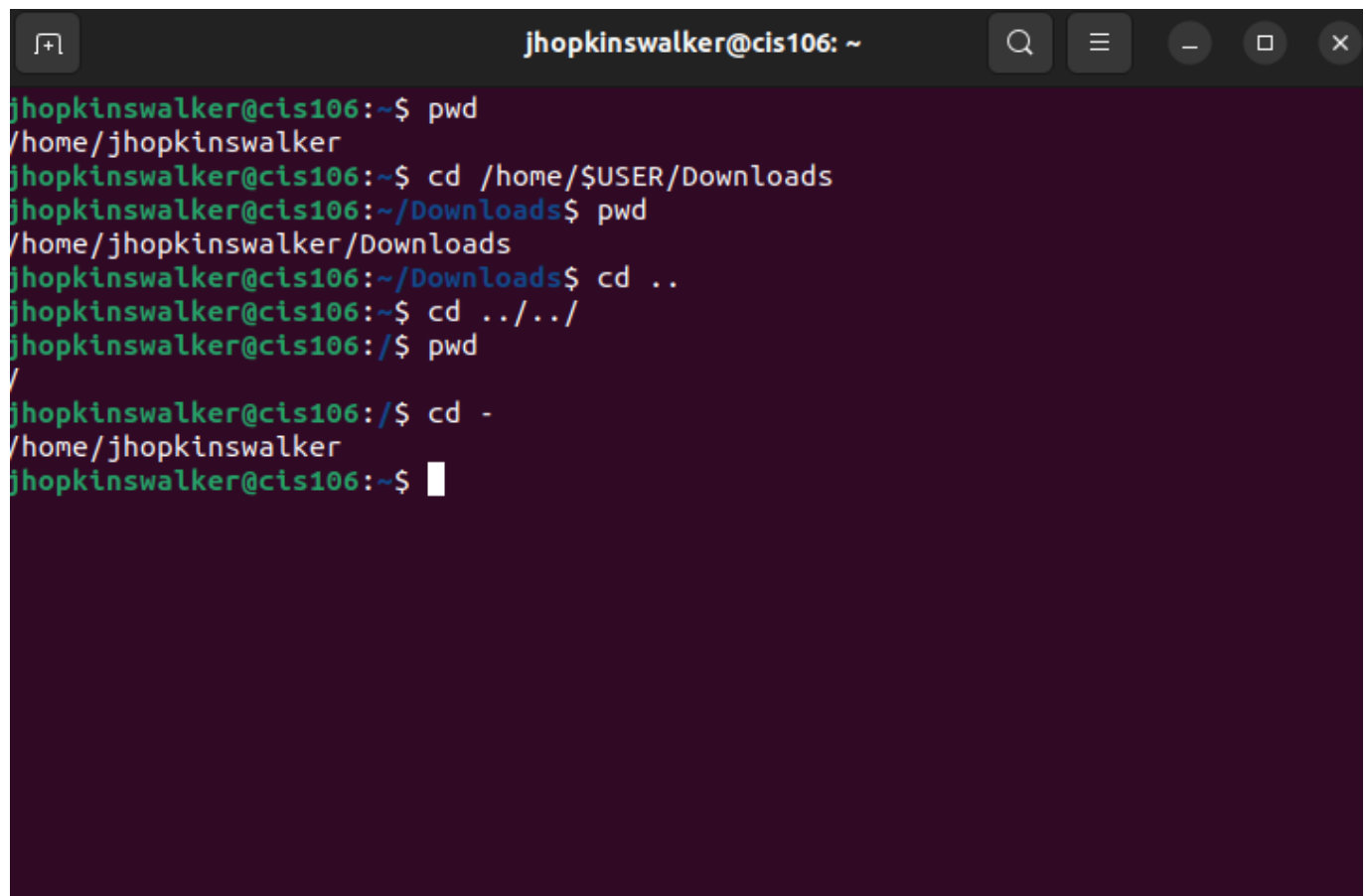


Week Report 4

PRACTICE FROM THE PRESENTATION THE LINUX FILE SYSTEM:

Practice 1



```
jhopkinswalker@cis106: ~  
jhopkinswalker@cis106:~$ pwd  
/home/jhopkinswalker  
jhopkinswalker@cis106:~$ cd /home/$USER/Downloads  
jhopkinswalker@cis106:~/Downloads$ pwd  
/home/jhopkinswalker/Downloads  
jhopkinswalker@cis106:~/Downloads$ cd ..  
jhopkinswalker@cis106:~$ cd ../../  
jhopkinswalker@cis106:/ $ pwd  
/  
jhopkinswalker@cis106:/ $ cd -  
/home/jhopkinswalker  
jhopkinswalker@cis106:~$
```

Practice 2

```
jhopkinswalker@cis106: ~/practicels
jhopkinswalker@cis106:~$ wget https://cis106.com/assets/practicels.tar.xz
--2023-10-27 23:00:04-- https://cis106.com/assets/practicels.tar.xz
Resolving cis106.com (cis106.com)... 185.199.108.153
Connecting to cis106.com (cis106.com)|185.199.108.153|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 2229212 (2.1M) [application/x-xz]
Saving to: 'practicels.tar.xz'

practicels.tar.xz  100%[=====>] 2.12M  8.88MB/s  in 0.2s

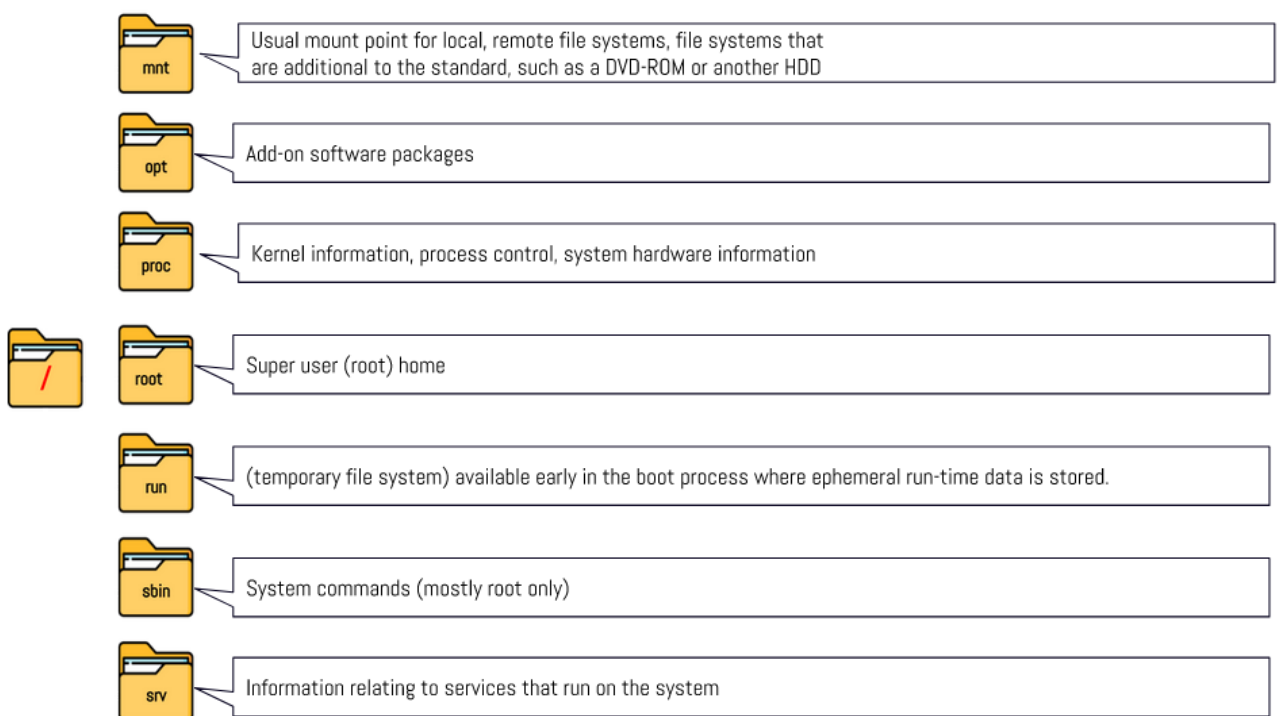
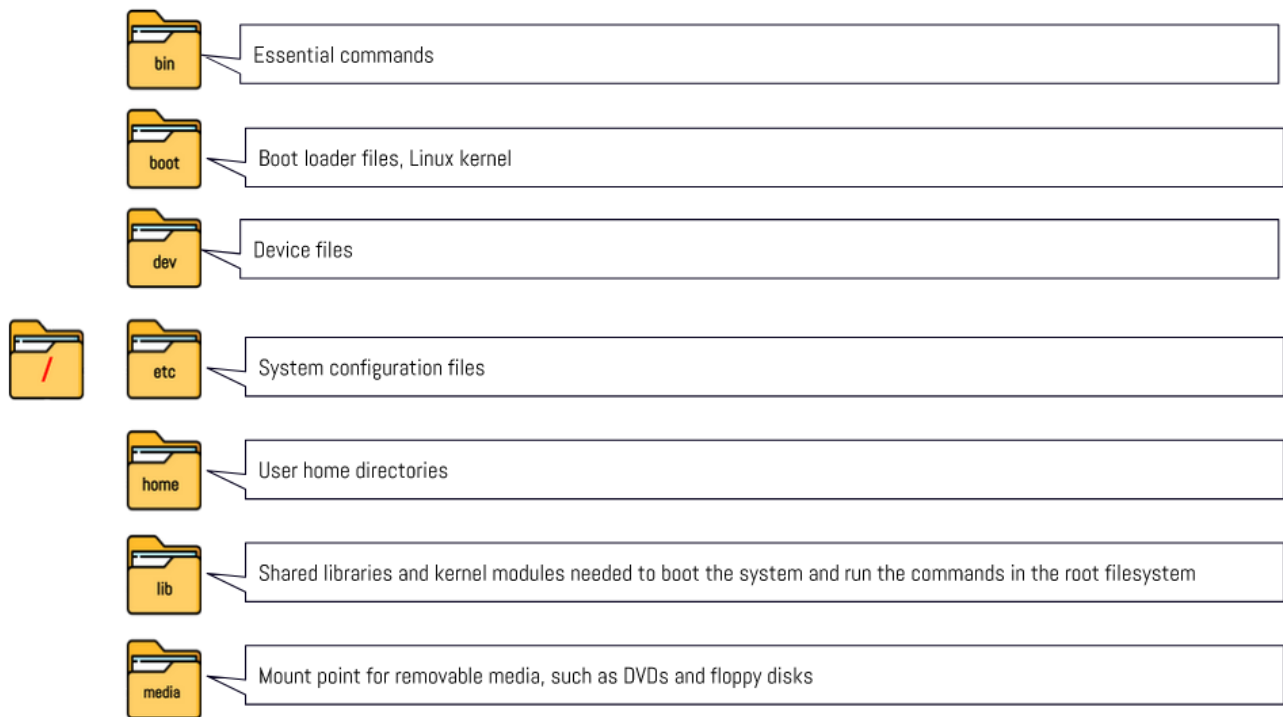
2023-10-27 23:00:05 (8.88 MB/s) - 'practicels.tar.xz' saved [2229212/2229212]

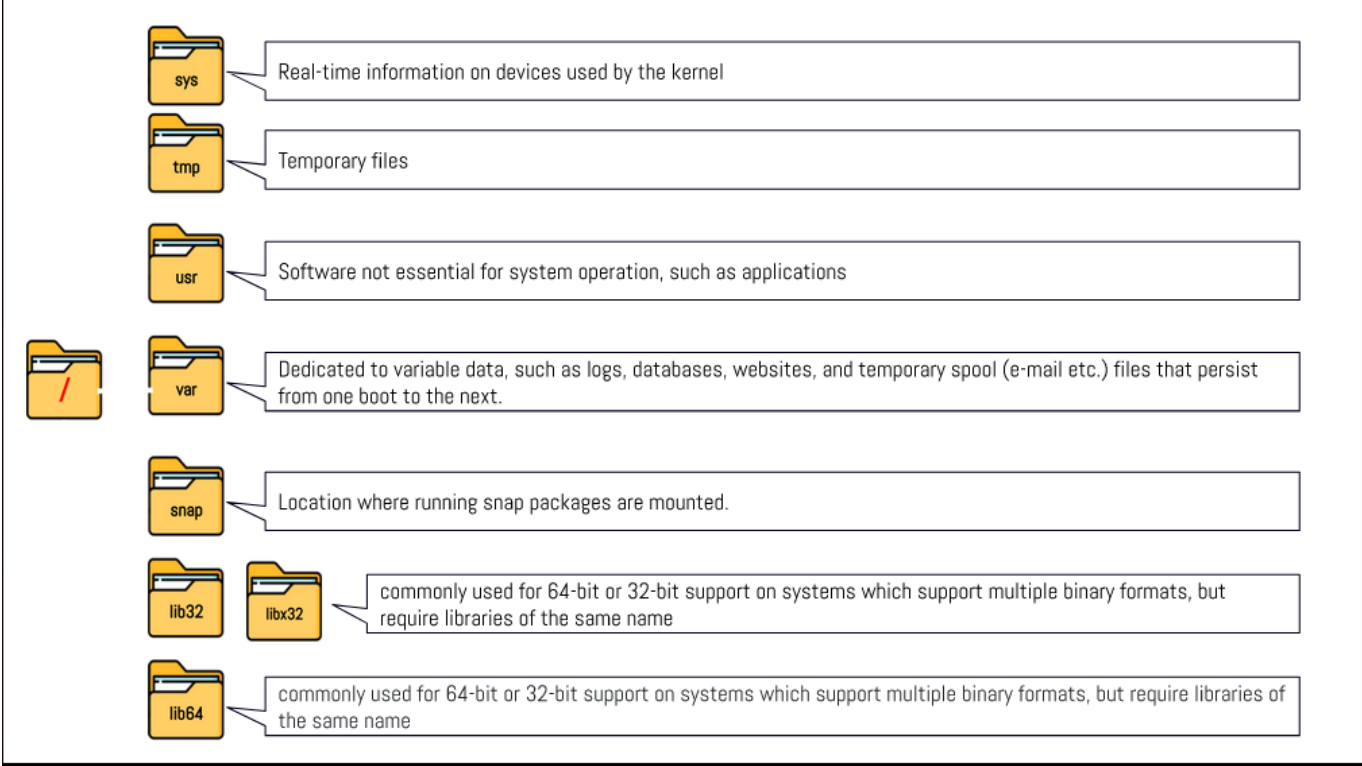
jhopkinswalker@cis106:~$ tar Jxf practicels.tar.xz
jhopkinswalker@cis106:~$ cd practicels/
jhopkinswalker@cis106:~/practicels$ ls
book.txt      history-debian.pdf  movie.mp4  song.mp3      tux-penguin.gif
countries.xml homework.docx       people.csv  tux-nobg.png
jhopkinswalker@cis106:~/practicels$ ls -a
.      countries.xml      movie.mp4  tux-nobg.png
..     history-debian.pdf people.csv  tux-penguin.gif
book.txt homework.docx      song.mp3
jhopkinswalker@cis106:~/practicels$ ls -l
```

Practice 3

```
jhopkinswalker@cis106: ~
jhopkinswalker@cis106:~$ pwd
/home/jhopkinswalker
jhopkinswalker@cis106:~$ cd
jhopkinswalker@cis106:~$ cd/
bash: cd/: No such file or directory
jhopkinswalker@cis106:~$ cd /
jhopkinswalker@cis106:/$ cd usr/share/themes
jhopkinswalker@cis106:/usr/share/themes$ cd ../../
jhopkinswalker@cis106:/usr$ ls -A ~
apple.txt      of
.bash_history  Pictures
.bash_logout   .pki
.bashrc        plants
.cache         'plants dr'
cis106         'plant"s EC'
.cis106.png    practicels
.config        practicels.tar.xz
Desktop        .profile
Documents      Public
Dog            snap
.dotnet        .ssh
Downloads      .sudo_as_admin_successful
dr             Templates
file1          .thunderbird
```

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	description here	syntax	cd
ls	description here	syntax	ls

Basic terminology

- **File system:** type definition here
- **Current directory:** type definition here
- **parent directory:** type definition here
- **the difference between YOUR HOME directory and THE HOME directory:** type definition here
- **pathname:** type definition here
- **relative path:** type definition here
- **absolute path:** type definition here