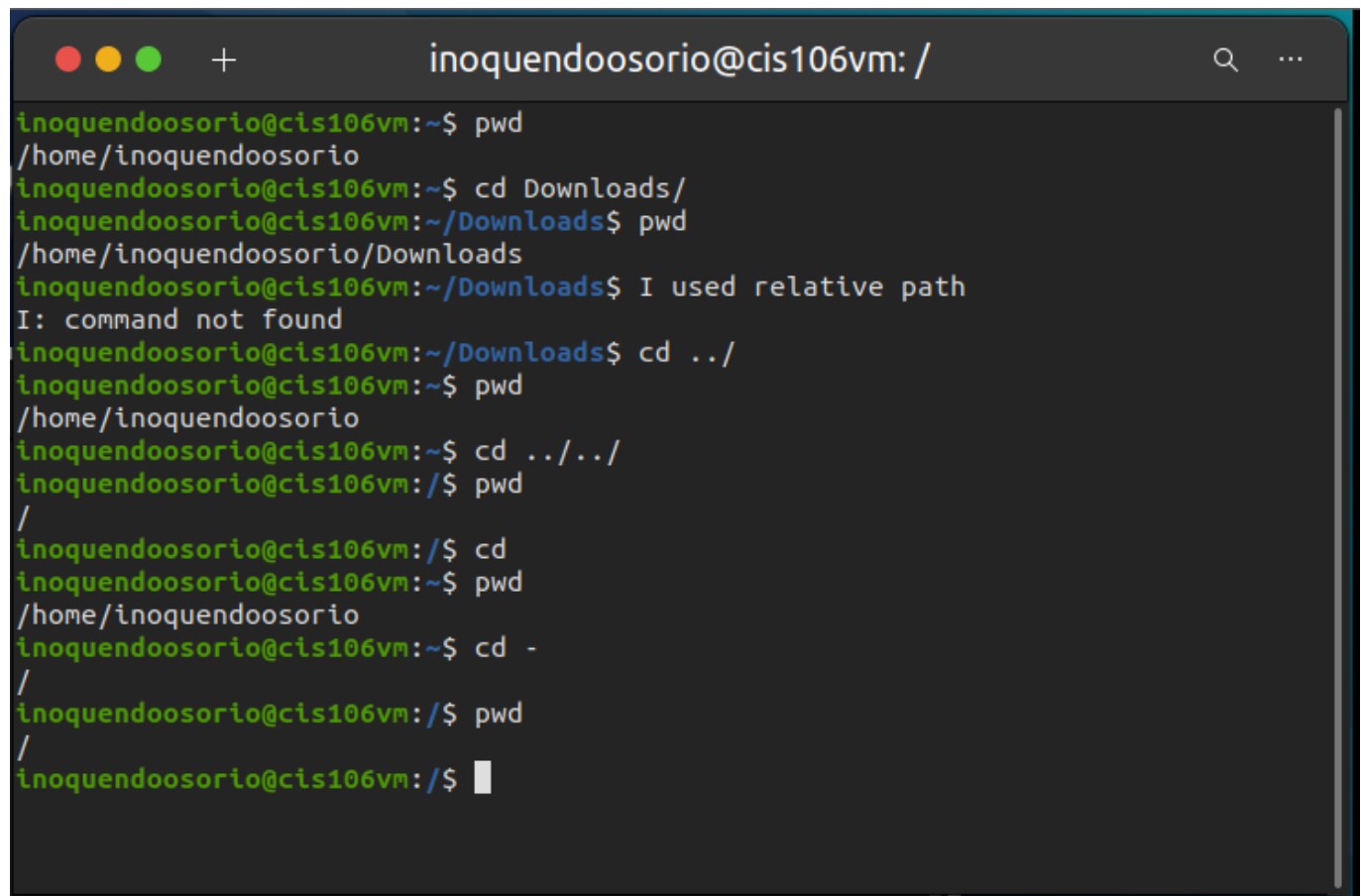


Week Report 4

Practices



```
inoquendoosorio@cis106vm: /
inoquendoosorio@cis106vm:~$ pwd
/home/inoquendoosorio
inoquendoosorio@cis106vm:~$ cd Downloads/
inoquendoosorio@cis106vm:~/Downloads$ pwd
/home/inoquendoosorio/Downloads
inoquendoosorio@cis106vm:~/Downloads$ I used relative path
I: command not found
inoquendoosorio@cis106vm:~/Downloads$ cd ../
inoquendoosorio@cis106vm:~$ pwd
/home/inoquendoosorio
inoquendoosorio@cis106vm:~$ cd ../../
inoquendoosorio@cis106vm:/$ pwd
/
inoquendoosorio@cis106vm:/$ cd
inoquendoosorio@cis106vm:~$ pwd
/home/inoquendoosorio
inoquendoosorio@cis106vm:~$ cd -
/
inoquendoosorio@cis106vm:/$ pwd
/
inoquendoosorio@cis106vm:/$
```

```
inoquendoosorio@cis106vm: ~/practicels

inoquendoosorio@cis106vm:~$ wget https://cis106.com/assets/practicels.tar.xz
--2022-03-12 14:04:17-- 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  ---KB/s   in 0.08s

2022-03-12 14:04:17 (26.0 MB/s) - 'practicels.tar.xz' saved [2229212/2229212]

inoquendoosorio@cis106vm:~$ tar Jxf practicels.tar.xz
inoquendoosorio@cis106vm:~$ cd practicels/
inoquendoosorio@cis106vm:~/practicels$ ls
book.txt      history-debian.pdf  movie.mp4      song.mp3      tux-penguin.gif
countries.xml  homework.docx      people.csv     tux-nobg.png
inoquendoosorio@cis106vm:~/practicels$ ls -a
.      countries.xml      movie.mp4      tux-nobg.png
..     history-debian.pdf people.csv     tux-penguin.gif
book.txt homework.docx      song.mp3
inoquendoosorio@cis106vm:~/practicels$ ls -l
total 2932
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio  1043 Feb 27 13:39 book.txt
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio  23972 Feb 27 13:46 countries.xml
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 163057 Feb 27 13:41 history-debian.pdf
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 111303 Feb 22 14:14 homework.docx
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 1570024 Feb 27 13:42 movie.mp4
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 284042 Feb 27 13:45 people.csv
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 764176 Feb 27 13:44 song.mp3
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 21314 Feb 27 13:40 tux-nobg.png
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 44299 Jan 31 2020 tux-penguin.gif
inoquendoosorio@cis106vm:~/practicels$ ls -lh
total 2.9M
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 1.1K Feb 27 13:39 book.txt
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 24K Feb 27 13:46 countries.xml
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 160K Feb 27 13:41 history-debian.pdf
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 109K Feb 22 14:14 homework.docx
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 1.5M Feb 27 13:42 movie.mp4
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 278K Feb 27 13:45 people.csv
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 747K Feb 27 13:44 song.mp3
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 21K Feb 27 13:40 tux-nobg.png
-rw-rw-r-- 1 inoquendoosorio inoquendoosorio 44K Jan 31 2020 tux-penguin.gif
inoquendoosorio@cis106vm:~/practicels$ ls -lht
total 2.9M
```

```

inoquendoosorio@cis106vm: ~
inoquendoosorio@cis106vm:~/practicels$ pwd
/home/inoquendoosorio/practicels
inoquendoosorio@cis106vm:~/practicels$ cd
inoquendoosorio@cis106vm:~$ cd /
inoquendoosorio@cis106vm:/$ cd usr/share/themes/
inoquendoosorio@cis106vm:/usr/share/themes$ cd ../../
inoquendoosorio@cis106vm:/usr$ ls -A ~
.bash_history      .icons             .sudo_as_admin_successful
.bash_logout       .image            Templates
.bashrc            .local            .themes
.cache             .mozilla           .thunderbird
.cis106.png         Music              .vboxclient-clipboard.pid
cis106-Spring22    Pictures           .vboxclient-display-svg-x11.pid
.config            .pki               .vboxclient-draganddrop.pid
Desktop            practicels         .vboxclient-seamless.pid
Documents          practicels.tar.xz  Videos
Downloads          .profile           .viminfo
.frozen-bubble     Public             .vscode
.gitconfig         snap              .zoom
.gnupg             .ssh

inoquendoosorio@cis106vm:/usr$ cd; ls -tX cis106-Spring22
cheatSheets finalProject labs weeklyReports
inoquendoosorio@cis106vm:~$ ls -rR ~/cis106-Spring22
/home/inoquendoosorio/cis106-Spring22:
weeklyReports labs finalProject cheatSheets

/home/inoquendoosorio/cis106-Spring22/weeklyReports:
week3 week2 week1 week0

/home/inoquendoosorio/cis106-Spring22/weeklyReports/week3:
week3.pdf      package-box.png
week3.md       install-single-command.png
ubuntu-update-command.png 'install-&-remove-single-command.png'
remove-single-command.png

/home/inoquendoosorio/cis106-Spring22/weeklyReports/week2:
week2.pdf week2.md pictures

/home/inoquendoosorio/cis106-Spring22/weeklyReports/week2/pictures:
virtualBox-settings-6.png server-side-pic.png Pi3.png
virtualBox-settings-5.png PiZero.png Pi3A+.png
virtualBox-settings-4.png PiFirstModel.png exploring-VirtualBox-1.png
virtualBox-settings-3.png "Pi-diferentOS's.png" client-side-pic.png
virtualBox-settings-2.png Pi4.png
virtualBox-settings-1.png Pi400.png

/home/inoquendoosorio/cis106-Spring22/weeklyReports/week1:

```

The linux filesystem

Create a table that includes the following directories and their usage:

Table1

Directory	Function
bin	Essential commands
dev	Device files
etc	System configuration files
home	User home directories
media	Mount point for removable media, such as DVDs and floppy disks
opt	Add-on software packages
proc	Kernel information, process control system hardware information
srv	Information relating to services that run on the system
usr	Software not essential for system operation, such as applications

Commands to navigate the filesystem

Table2

Create a table of the commands used for navigating the file system. You have to use code formatting in your markdown just like the example. Your table must include the following:

Command	What it does	Syntax	Example
pwd	Used for displaying the current working directory.	<code>pwd</code>	Ex. <code>pwd</code>
cd	Used for changing the current working directory. When no directory is given, cd changes the current working directory to the current user's home directory.	<code>cd + destination</code>	Ex. <code>cd ~/Downloads/</code>
ls	Used for displaying all the files inside a given directory. When no directory is specified, ls displays the files in the current working directory.	<code>ls + option + directory name</code>	Ex. <code>ls -lah ~/cis106-Spring22/cheatSheets/</code>
tree	list all the files and directories in a given directory in a nice tree like format	<code>tree + option + directory name</code>	Ex. <code>tree -l ~/Pictures/</code>

Definitions of the following terms

File system - The way files are stored and organized to simplify access to data.

Current directory - The directory where you are at the moment. AKA the present working directory.

Parent directory - A particular directory that has other subdirectories.

Explain the difference between your home directory and the home directory - These two sentences will

express the difference:

* The phrase "*your home directory*" refers to your user's home directory. For example: `/home/isaac` is the home directory of the user isaac. * The phrase "*the home directory*" refers to the home directory located in the root. This: `/home`

Pathname - A path which indicates the location of a file in the file system. (Like an address).

Relative path - The location of a file starting from the current working directory or a directory that is located inside the current working directory.

Absolute path - The location of a file starting at the root of the file system.

What is the right to repair movement and why does it matter?

The right to repair is the movement that pretends create awareness to electronics consumers about their right to repair their electronic products using the schematics of a product if provided. Many companies are now omitting the inclusion of these schematics in their products and customers feel forced to them back to the place they bought it from. Aside from this previous mentioned issue, some of this companies are taking advantage by increasing the prices of the services on these products, making it even more hard on customers.

This issue matters to us because it helps bring the community together with a common goal to stop other possible companies from doing the same thing. Also, it helps take the proper political measurements to try to get a solution to the existing entities that are practicing this "selfish monopoly"