

Lab 3 | Installing software and navigating the file system | Answers

Assignment description [here](#)

Question 1

1. Which command did you use to search for the themes and to install them?

- 'apt search theme'
- 'sudo apt install - yuyo-gtk-theme'

2. Which commands did you use to find and install the web browser?

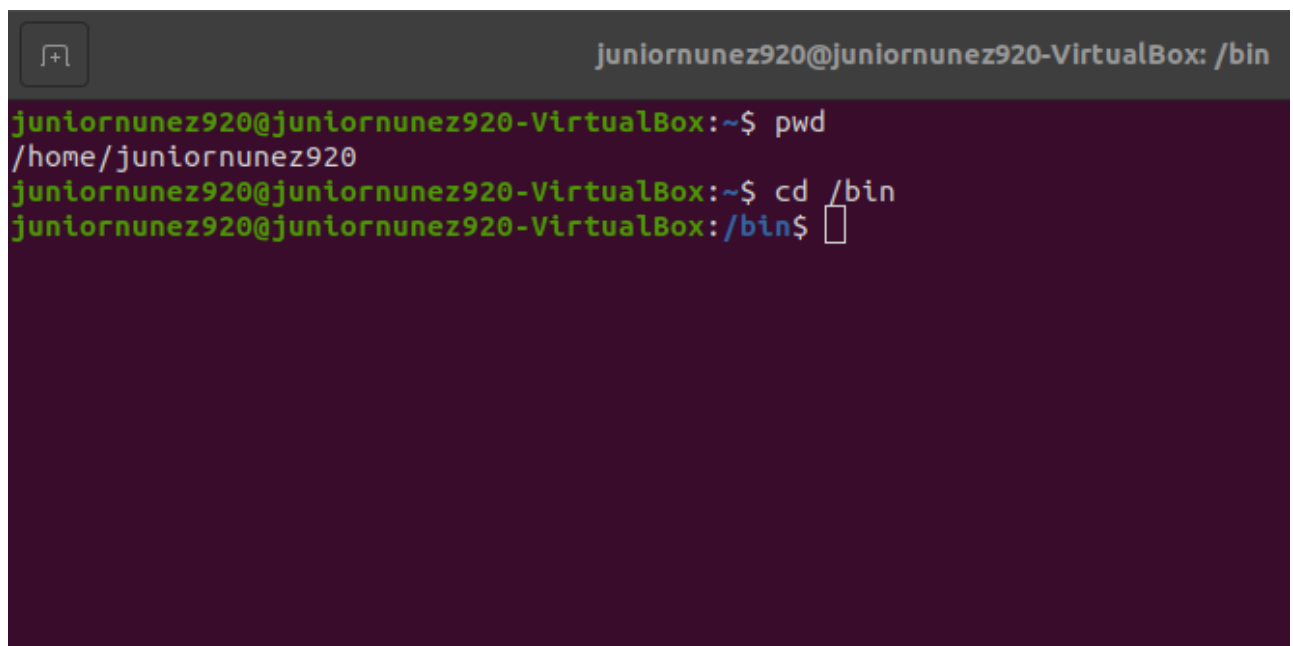
- 'apt search browser'
- 'sudo apt install - zeal'

3.1 What is the name of the package? Zeal

3.2 What dependencies are needed in order to install the package? (you can either take a screenshot of the terminal or copy and paste from the terminal) 3.3 How much disk space will the package utilize after installation?

- 0 upgraded, 11 newly installed, 0 to remove and 11 not upgraded. Need to get 16.1 MB of archives.
After this operation, 65.7 MB of additional disk space will be used.

Question 2

A terminal window with a dark purple background and light green text. The title bar at the top reads 'juniornunez920@juniornunez920-VirtualBox: /bin'. The terminal shows the following commands and output:

```
juniornunez920@juniornunez920-VirtualBox:~$ pwd
/home/juniornunez920
juniornunez920@juniornunez920-VirtualBox:~$ cd /bin
juniornunez920@juniornunez920-VirtualBox:/bin$
```

1.

```
junior920@junior920-VirtualBox: ~  
junior920@junior920-VirtualBox:/bin$ pwd  
/bin  
junior920@junior920-VirtualBox:/bin$ cd  
junior920@junior920-VirtualBox:~$ pwd  
/home/junior920  
junior920@junior920-VirtualBox:~$
```

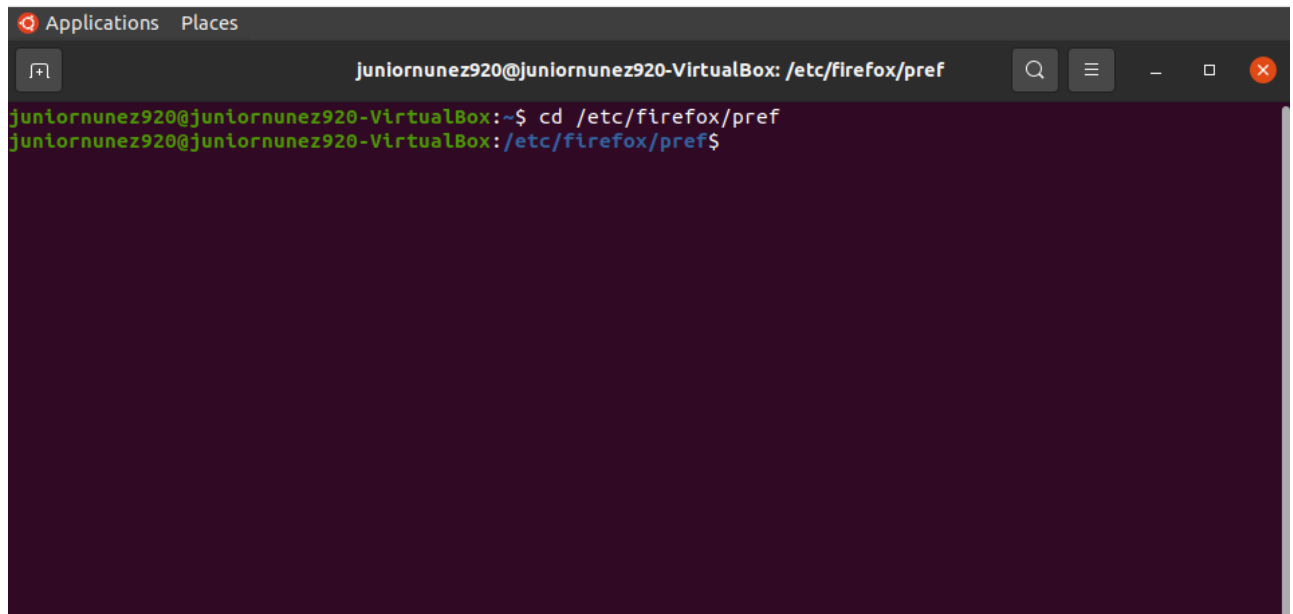
2.

```
junior920@junior920-VirtualBox: /usr/share/themes  
junior920@junior920-VirtualBox:/bin$ pwd  
bin  
junior920@junior920-VirtualBox:/bin$ cd  
junior920@junior920-VirtualBox:~$ pwd  
home/junior920  
junior920@junior920-VirtualBox:~$ cd  
junior920@junior920-VirtualBox:~$ cd ..  
junior920@junior920-VirtualBox:/home$ cd /usr/share/themes  
junior920@junior920-VirtualBox:/usr/share/themes$ pwd  
usr/share/themes  
junior920@junior920-VirtualBox:/usr/share/themes$
```

3.

```
junior920@junior920-VirtualBox: ~  
junior920@junior920-VirtualBox:/bin$ pwd  
/bin  
junior920@junior920-VirtualBox:/bin$ cd  
junior920@junior920-VirtualBox:~$ pwd  
/home/junior920  
junior920@junior920-VirtualBox:~$ cd  
junior920@junior920-VirtualBox:~$ cd ..  
junior920@junior920-VirtualBox:/home$ cd /usr/share/themes  
junior920@junior920-VirtualBox:/usr/share/themes$ pwd  
/usr/share/themes  
junior920@junior920-VirtualBox:/usr/share/themes$ cd  
junior920@junior920-VirtualBox:~$ pwd  
/home/junior920  
junior920@junior920-VirtualBox:~$ cd/root/  
bash: cd/root/: No such file or directory  
junior920@junior920-VirtualBox:~$ cd/root  
bash: cd/root: No such file or directory  
junior920@junior920-VirtualBox:~$ cd/root/  
bash: cd/root/: No such file or directory  
junior920@junior920-VirtualBox:~$ cd ~  
junior920@junior920-VirtualBox:~$ cd/  
bash: cd/: No such file or directory  
junior920@junior920-VirtualBox:~$ cd ..  
junior920@junior920-VirtualBox:/home$ cd -  
/home/junior920  
junior920@junior920-VirtualBox:~$ pwd  
/home/junior920  
junior920@junior920-VirtualBox:~$
```

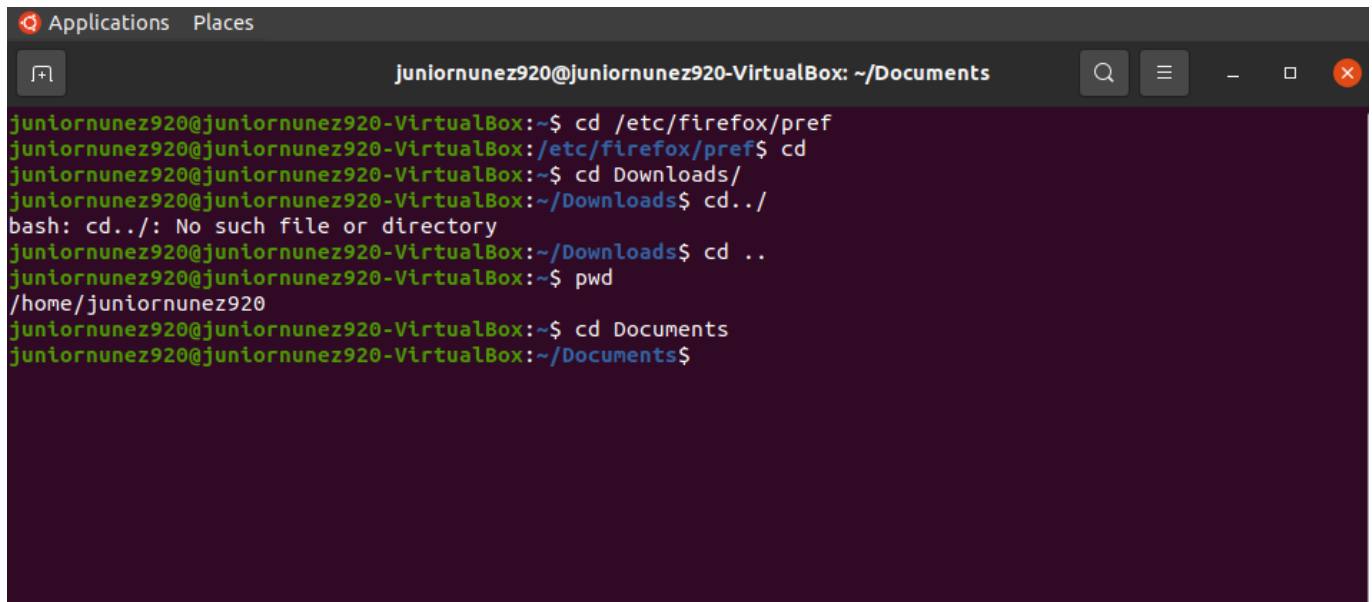
4.



```
Applications Places
juniornunez920@juniornunez920-VirtualBox: /etc/firefox/pref
juniornunez920@juniornunez920-VirtualBox:~$ cd /etc/firefox/pref
juniornunez920@juniornunez920-VirtualBox:/etc/firefox/pref$
```

5.

6-10 included in the following picture

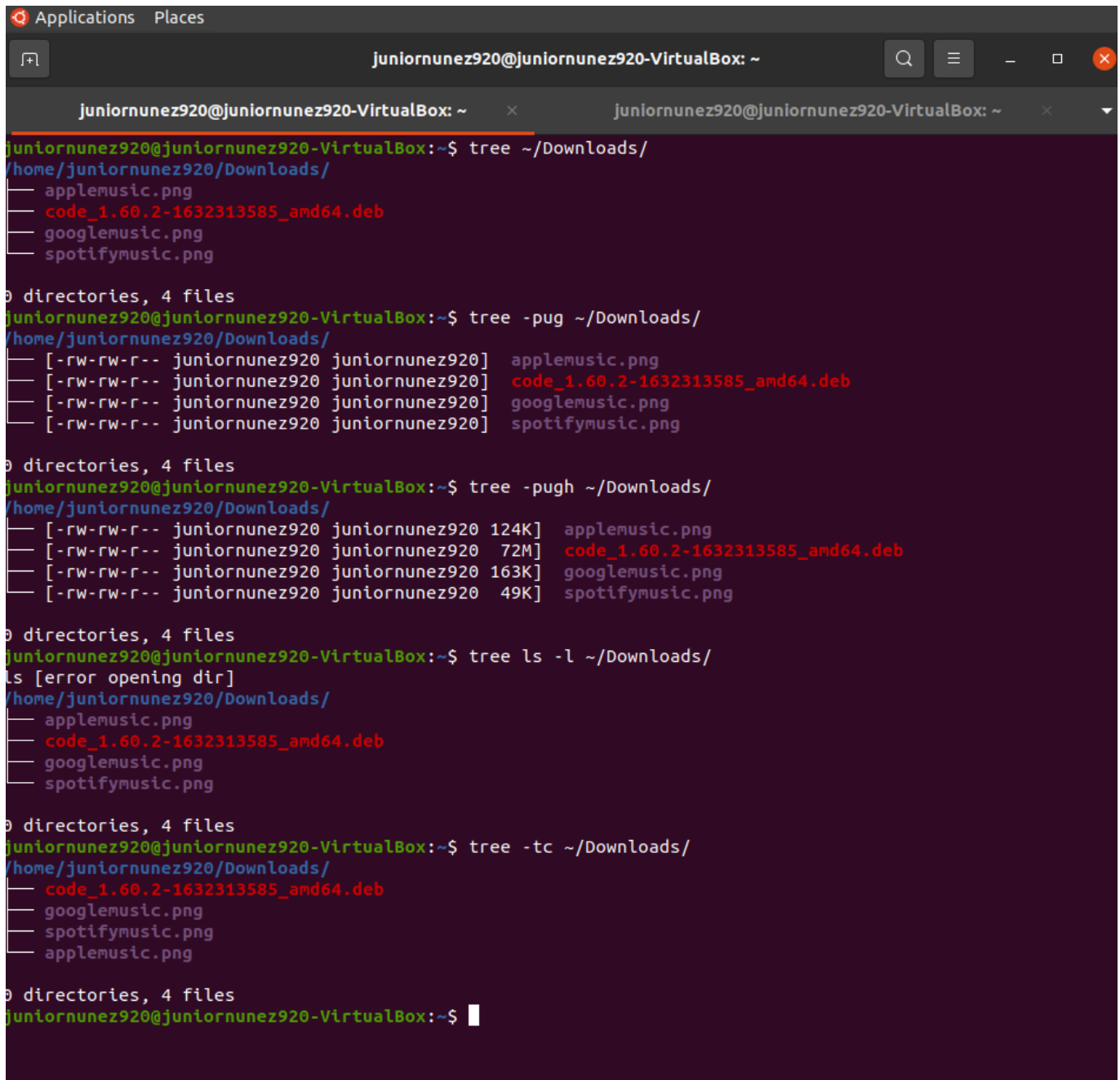


```
Applications Places
juniornunez920@juniornunez920-VirtualBox: ~/Documents
juniornunez920@juniornunez920-VirtualBox:~$ cd /etc/firefox/pref
juniornunez920@juniornunez920-VirtualBox:/etc/firefox/pref$ cd
juniornunez920@juniornunez920-VirtualBox:~$ cd Downloads/
juniornunez920@juniornunez920-VirtualBox:~/Downloads$ cd../
bash: cd../: No such file or directory
juniornunez920@juniornunez920-VirtualBox:~/Downloads$ cd ..
juniornunez920@juniornunez920-VirtualBox:~$ pwd
/home/juniornunez920
juniornunez920@juniornunez920-VirtualBox:~$ cd Documents
juniornunez920@juniornunez920-VirtualBox:~/Documents$
```

Question 3

```
junior920@junior920-VirtualBox: ~  
junior920@junior920-VirtualBox: ~  
junior920@junior920-VirtualBox: ~/Downloads$ cd  
junior920@junior920-VirtualBox:~$ ls Downloads/  
applemusic.png  code_1.60.2-1632313585_amd64.deb  googlemusic.png  spotifymusic.png  
junior920@junior920-VirtualBox:~$ pwd  
/home/junior920  
junior920@junior920-VirtualBox:~$ ls Downloads/  
applemusic.png  code_1.60.2-1632313585_amd64.deb  googlemusic.png  spotifymusic.png  
junior920@junior920-VirtualBox:~$ ls -a Downloads/+  
ls: cannot access 'Downloads/+': No such file or directory  
junior920@junior920-VirtualBox:~$ ls -a Downloads/  
.  ..  applemusic.png  code_1.60.2-1632313585_amd64.deb  googlemusic.png  spotifymusic.png  
junior920@junior920-VirtualBox:~$ ls -al Downloads/  
total 74476  
drwxr-xr-x  2 junior920 junior920    4096 Oct 13 23:16 .  
drwxr-xr-x 23 junior920 junior920    4096 Oct 13 21:34 ..  
-rw-rw-r--  1 junior920 junior920   127196 Oct 13 23:14 applemusic.png  
-rw-rw-r--  1 junior920 junior920  75900200 Oct  6 14:25 code_1.60.2-1632313585_amd64.deb  
-rw-rw-r--  1 junior920 junior920   166476 Oct 13 23:15 googlemusic.png  
-rw-rw-r--  1 junior920 junior920    49738 Oct 13 23:14 spotifymusic.png  
junior920@junior920-VirtualBox:~$ ls -l Downloads/  
total 74468  
-rw-rw-r--  1 junior920 junior920    127196 Oct 13 23:14 applemusic.png  
-rw-rw-r--  1 junior920 junior920  75900200 Oct  6 14:25 code_1.60.2-1632313585_amd64.deb  
-rw-rw-r--  1 junior920 junior920    166476 Oct 13 23:15 googlemusic.png  
-rw-rw-r--  1 junior920 junior920     49738 Oct 13 23:14 spotifymusic.png  
junior920@junior920-VirtualBox:~$ ls -lh Downloads/  
total 73M  
-rw-rw-r--  1 junior920 junior920 125K Oct 13 23:14 applemusic.png  
-rw-rw-r--  1 junior920 junior920  73M Oct  6 14:25 code_1.60.2-1632313585_amd64.deb  
-rw-rw-r--  1 junior920 junior920 163K Oct 13 23:15 googlemusic.png  
-rw-rw-r--  1 junior920 junior920  49K Oct 13 23:14 spotifymusic.png  
junior920@junior920-VirtualBox:~$
```

Question 4



```
Applications  Places

juniornunez920@juniornunez920-VirtualBox: ~

juniornunez920@juniornunez920-VirtualBox: ~$ tree ~/Downloads/
/home/juniornunez920/Downloads/
├── applemusic.png
├── code_1.60.2-1632313585_amd64.deb
├── googlemusic.png
└── spotifymusic.png

0 directories, 4 files
juniornunez920@juniornunez920-VirtualBox:~$ tree -pug ~/Downloads/
/home/juniornunez920/Downloads/
├── [-rw-rw-r-- juniornunez920 juniornunez920] applemusic.png
├── [-rw-rw-r-- juniornunez920 juniornunez920] code_1.60.2-1632313585_amd64.deb
├── [-rw-rw-r-- juniornunez920 juniornunez920] googlemusic.png
└── [-rw-rw-r-- juniornunez920 juniornunez920] spotifymusic.png

0 directories, 4 files
juniornunez920@juniornunez920-VirtualBox:~$ tree -pugh ~/Downloads/
/home/juniornunez920/Downloads/
├── [-rw-rw-r-- juniornunez920 juniornunez920 124K] applemusic.png
├── [-rw-rw-r-- juniornunez920 juniornunez920 72M] code_1.60.2-1632313585_amd64.deb
├── [-rw-rw-r-- juniornunez920 juniornunez920 163K] googlemusic.png
└── [-rw-rw-r-- juniornunez920 juniornunez920 49K] spotifymusic.png

0 directories, 4 files
juniornunez920@juniornunez920-VirtualBox:~$ tree ls -l ~/Downloads/
ls [error opening dir]
/home/juniornunez920/Downloads/
├── applemusic.png
├── code_1.60.2-1632313585_amd64.deb
├── googlemusic.png
└── spotifymusic.png

0 directories, 4 files
juniornunez920@juniornunez920-VirtualBox:~$ tree -tc ~/Downloads/
/home/juniornunez920/Downloads/
├── code_1.60.2-1632313585_amd64.deb
├── googlemusic.png
├── spotifymusic.png
└── applemusic.png

0 directories, 4 files
juniornunez920@juniornunez920-VirtualBox:~$
```

HTML Part

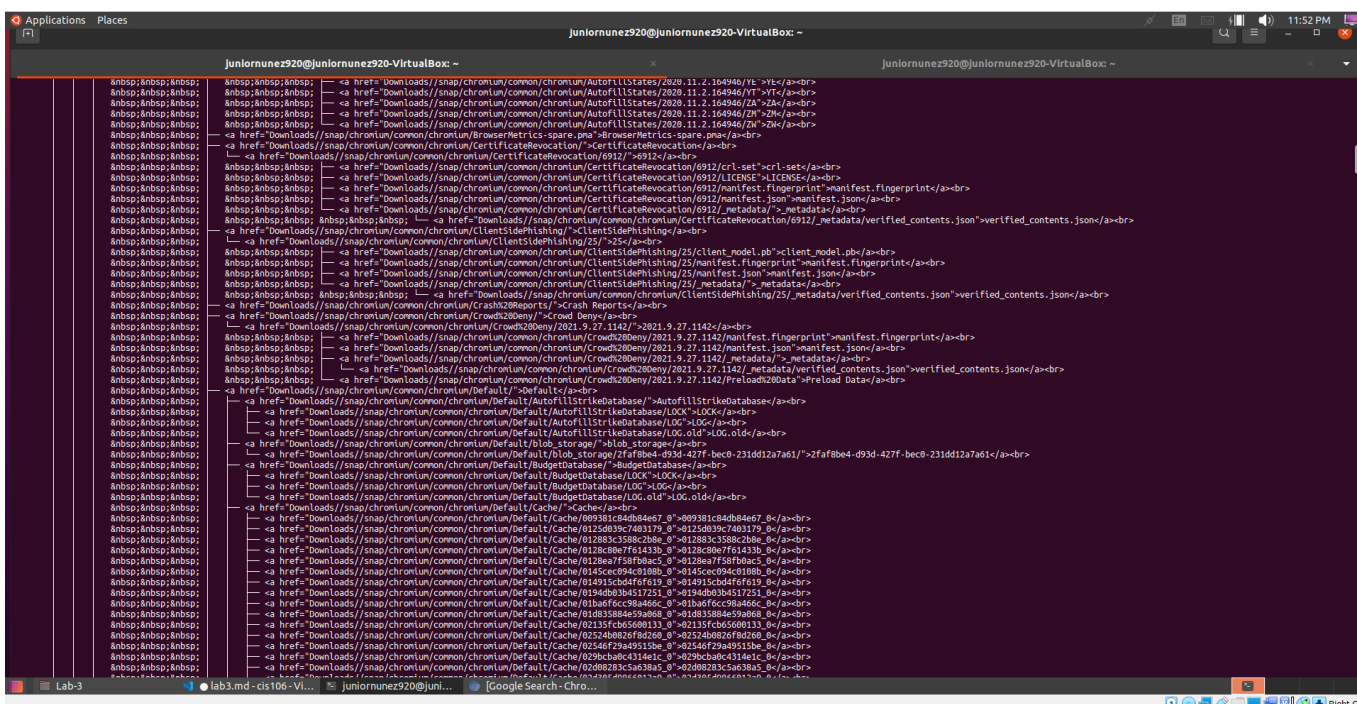
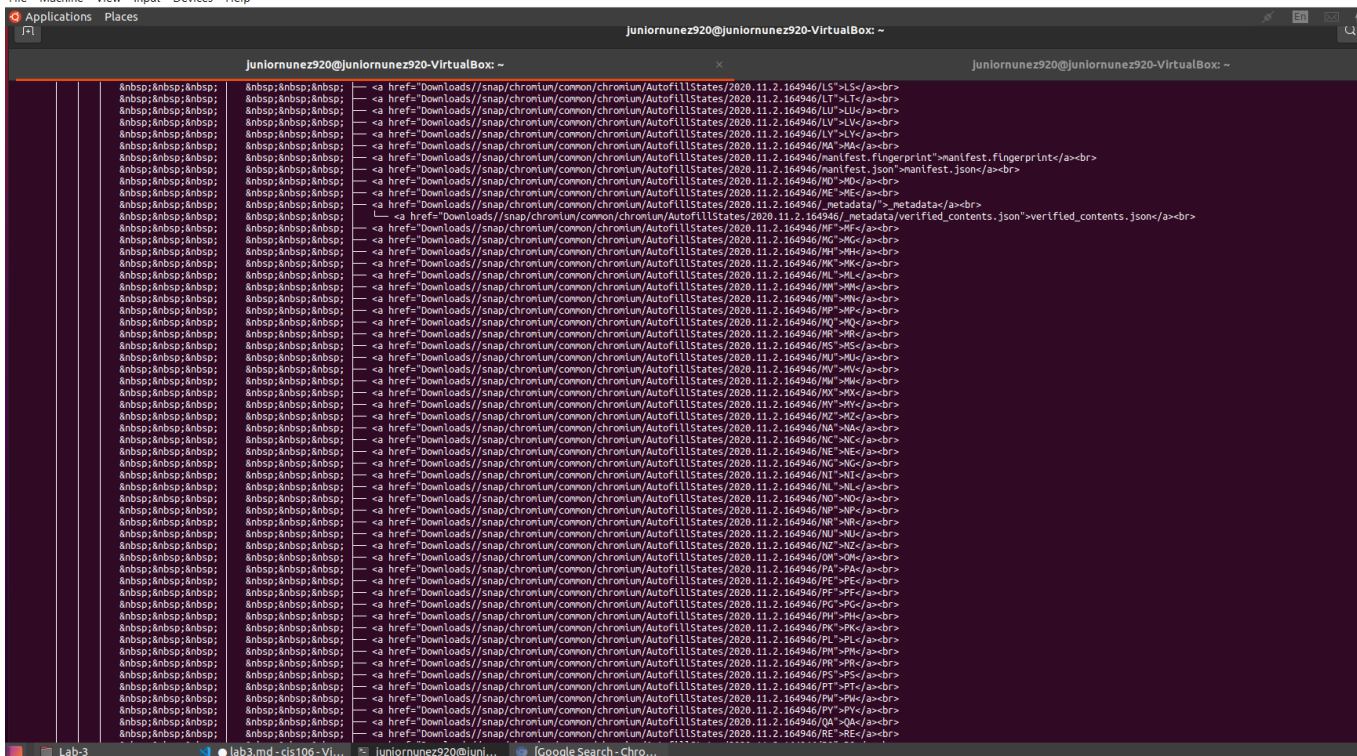
juniorunez920@juniorunez920-VirtualBox: ~

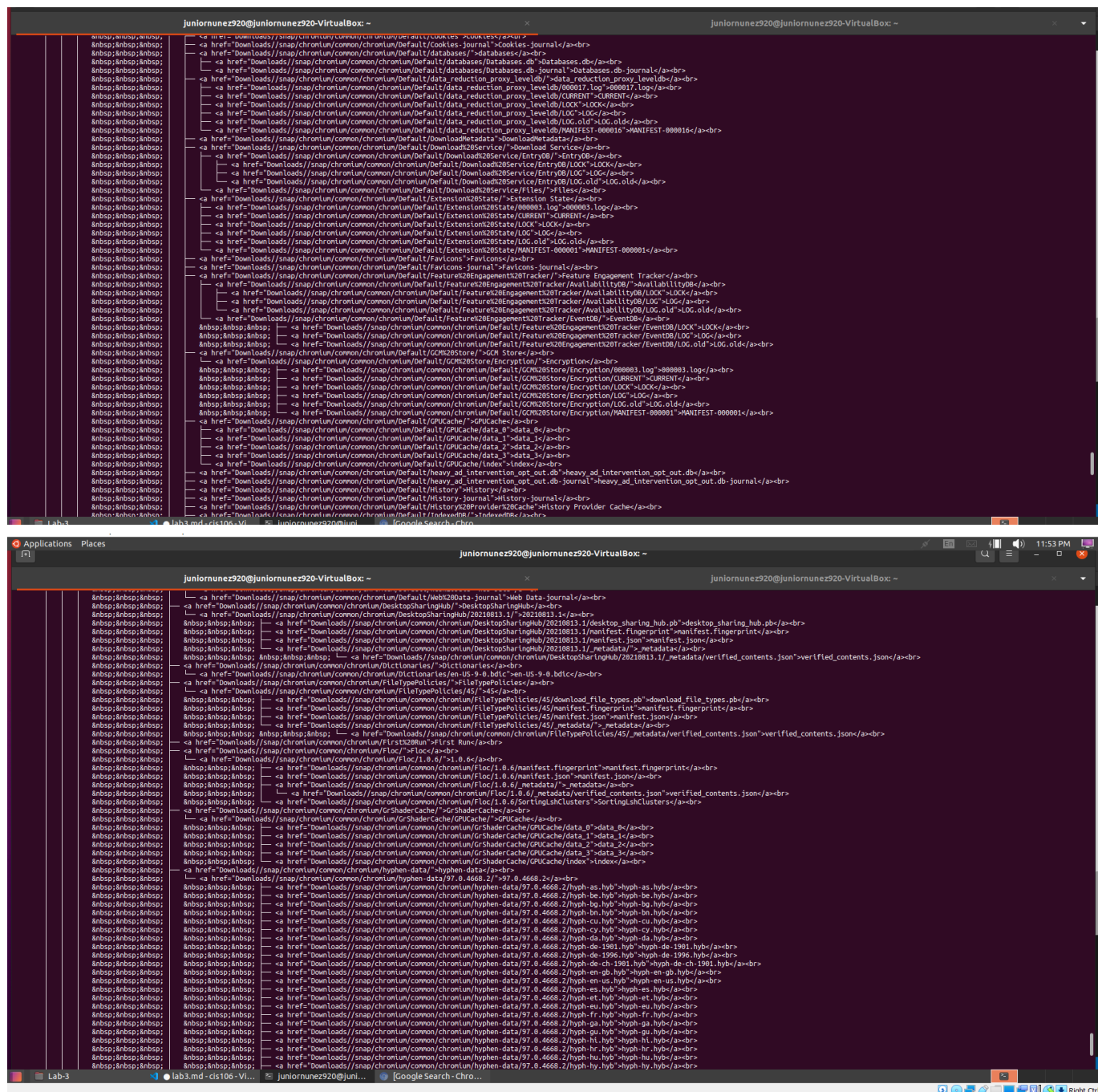
juniorunez920@juniorunez920-VirtualBox: ~

```

- <a href=~/Downloads/cls106/Labs/Lab1.pdf>Lab1.pdf</a><br>
- <a href=~/Downloads/cls106/Labs/Lab2.md>Lab2.md</a><br>
- <a href=~/Downloads/cls106/Labs/Lab2.pdf>Lab2.pdf</a><br>
- <a href=~/Downloads/cls106/Labs/Lab3.md>Lab3.md</a><br>
- <a href=~/Downloads/cls106/LICENSE>LICENSE</a><br>
- <a href=~/Downloads/cls106/notes/>notes</a><br>
- <a href=~/Downloads/cls106/notes/lecture1.md>lecture1.md</a><br>
- <a href=~/Downloads/cls106/notes/lecture2.md>lecture2.md</a><br>
- <a href=~/Downloads/cls106/notes/lecture3.md>lecture3.md</a><br>
- <a href=~/Downloads/cls106/README.md>README.md</a><br>
- <a href=~/Downloads/Desktop/>Desktop</a><br>
- <a href=~/Downloads/Documents/>Documents</a><br>
- <a href=~/Downloads/Downloads/>Downloads</a><br>
- <a href=~/Downloads/Downloads/applemusic.png>applemusic.png</a><br>
- <a href=~/Downloads/Downloads/code.1.60.2-163313585_and4.deb>code.1.60.2-163313585_and4.deb</a><br>
- <a href=~/Downloads/Downloads/googlemusic.png>googlemusic.png</a><br>
- <a href=~/Downloads/Downloads/spotifymusic.png>spotifymusic.png</a><br>
- <a href=~/Downloads/drinks/>drinks</a><br>
- <a href=~/Downloads/mangus/>mangus</a><br>
- <a href=~/Downloads/mangus/mangus.txt>mangus.txt</a><br>
- <a href=~/Downloads/Music/>Music</a><br>
- <a href=~/Downloads/Pictures/>Pictures</a><br>
- <a href=~/Downloads/Public/>Public</a><br>
- <a href=~/Downloads/snap/>snap</a><br>
- <a href=~/Downloads/snap/chromium/>chromium</a><br>
- <a href=~/Downloads/snap/chromium/1772/>1772</a><br>
- <a href=~/Downloads/snap/chromium/1781/>1781</a><br>
- <a href=~/Downloads/snap/chromium/common/>common</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/>chromium</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillRegex/>AutofillRegex</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillRegex/2021.8.17.1300/>2021.8.17.1300</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillRegex/2021.8.17.1300/data.json>data.json</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillRegex/2021.8.17.1300/manifest.fingerprint>manifest.fingerprint</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillRegex/2021.8.17.1300/manifest.json>manifest.json</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillRegex/2021.8.17.1300/_metadata/>_metadata</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillRegex/2021.8.17.1300/_metadata/verified_contents.json>verified_contents.json</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/>AutofillStates</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/>2020.11.2.164946</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AD>AD</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AE>AE</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AF>AF</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AG>AG</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AL>AL</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AM>AM</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AD>AD</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AF>AF</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AS>AS</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AT>AT</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AU>AU</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AX>AX</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/AZ>AZ</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/BA>BA</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/BB>BB</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/BD>BD</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/BE>BE</a><br>
- <a href=~/Downloads/snap/chromium/common/chromium/AutofillStates/2020.11.2.164946/BF>BF</a><br>

```






```

juniornunez920@juniornunez920-VirtualBox: ~
juniornunez920@juni... x juniornunez920@juni... x juniornunez920@juni... x juniornunez920@juni... x
[ 90K] Filtering Rules
[ 24K] LICENSE.txt
[ 66] manifest.fingerprint
[ 115] manifest.json
[4.0K] _metadata
[1.5K] verified_contents.json
[4.0K] WidevineCdm
[4.0K] 4.10.2209.0
[ 66] manifest.fingerprint
[ 748] manifest.json
[4.0K] _metadata
[1.4K] verified_contents.json
[4.0K] _platform_specific
[4.0K] linux_x64
[9.9M] libwidevinecdm.so
[1.4K] libwidevinecdm.so.sig
[ 85] latest-component-updated-widevine-cdm
[4.0K] ZxcvbnData
[4.0K] 1
[271K] english_wikipedia.txt
[ 26K] female_names.txt
[6.5K] male_names.txt
[ 66] manifest.fingerprint
[ 166] manifest.json
[4.0K] _metadata
[2.3K] verified_contents.json
[236K] passwords.txt
[ 74K] surnames.txt
[160K] us_tv_and_film.txt
[ 4] current -> 1781 [recursive, not followed]
[4.0K] code
[4.0K] 75
[4.0K] 76
[4.0K] common
[ 2] current -> 76 [recursive, not followed]
[4.0K] snap-store
[4.0K] 547
[4.0K] common
[ 3] current -> 547 [recursive, not followed]
[4.0K] Templates
[4.0K] Videos
[515K] website.html

147 directories, 2756 files
juniornunez920@juniornunez920-VirtualBox:~$

```

```

juniornunez920@juni... x juniornunez920@juni... x juniornunez920@juni... x juniornunez920@juni... x
juniornunez920@juniornunez920-VirtualBox:~$ exa Downloads/
applemusic.png code_1.60.2-1632313585_amd64.deb googlemusic.png spotifymusic.png
juniornunez920@juniornunez920-VirtualBox:~$ exa -l Downloads/
.rw-rw-r-- 127k juniornunez920 13 Oct 23:14 applemusic.png
.rw-rw-r-- 75M juniornunez920 6 Oct 14:25 code_1.60.2-1632313585_amd64.deb
.rw-rw-r-- 166k juniornunez920 13 Oct 23:15 googlemusic.png
.rw-rw-r-- 49k juniornunez920 13 Oct 23:14 spotifymusic.png
juniornunez920@juniornunez920-VirtualBox:~$ tree ls
ls [error opening dir]

0 directories, 0 files
juniornunez920@juniornunez920-VirtualBox:~$ tree ls Downloads/
ls [error opening dir]
Downloads/
├── applemusic.png
├── code_1.60.2-1632313585_amd64.deb
├── googlemusic.png
└── spotifymusic.png

0 directories, 4 files
juniornunez920@juniornunez920-VirtualBox:~$ tree -pug ~/Home/
/home/juniornunez920/Home/ [error opening dir]

0 directories, 0 files
juniornunez920@juniornunez920-VirtualBox:~$ cd
juniornunez920@juniornunez920-VirtualBox:~$ pwd
/home/juniornunez920
juniornunez920@juniornunez920-VirtualBox:~$ tree ls -lh /home/

```

```
ls [error opening dir]
/home/
├── [4.0K] juniornunez920
├── [4.0K] cis106
│   ├── [4.0K] images
│   │   ├── [4.0K] Lab-1
│   │   │   ├── [4.2M] image1.png
│   │   │   ├── [1.7M] image2.png
│   │   │   └── [249K] image3.png
│   │   ├── [4.0K] Lab-2
│   │   │   ├── [40K] question1.PNG
│   │   │   ├── [56K] question2.PNG
│   │   │   ├── [786K] question3.PNG
│   │   │   ├── [627K] question4.PNG
│   │   │   └── [543K] question5.PNG
│   │   └── [4.0K] Lab-3
│   │       ├── [220K] html1.png
│   │       └── [290K] html2.png
└── [4.0K] Lab-3
```

Lab-3 Preview lab3.md - cis1... juniornunez920@juni... [Google Search - Chro... Directory