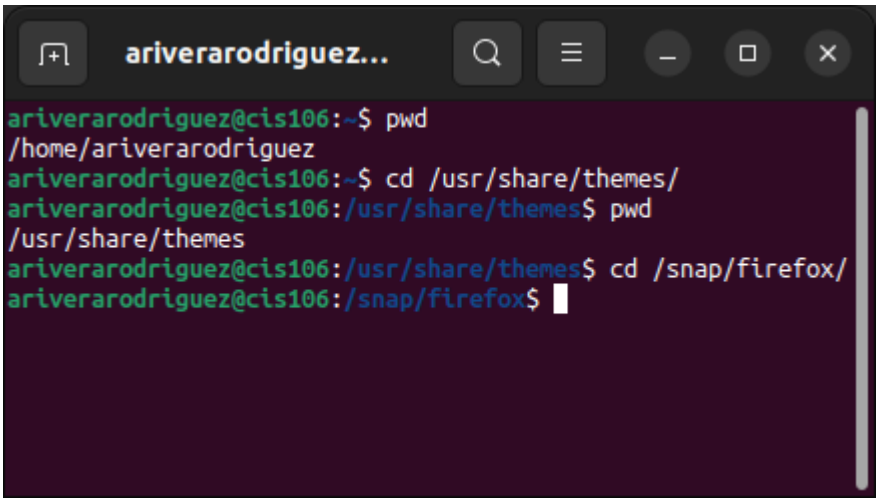
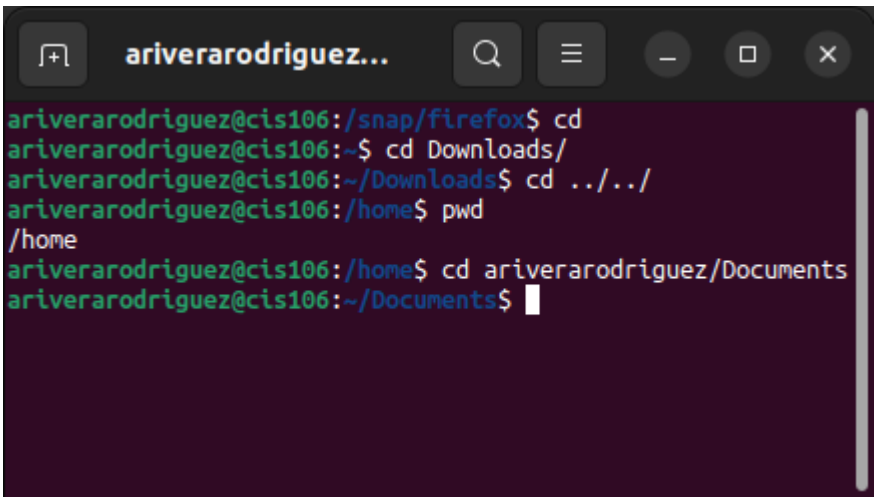
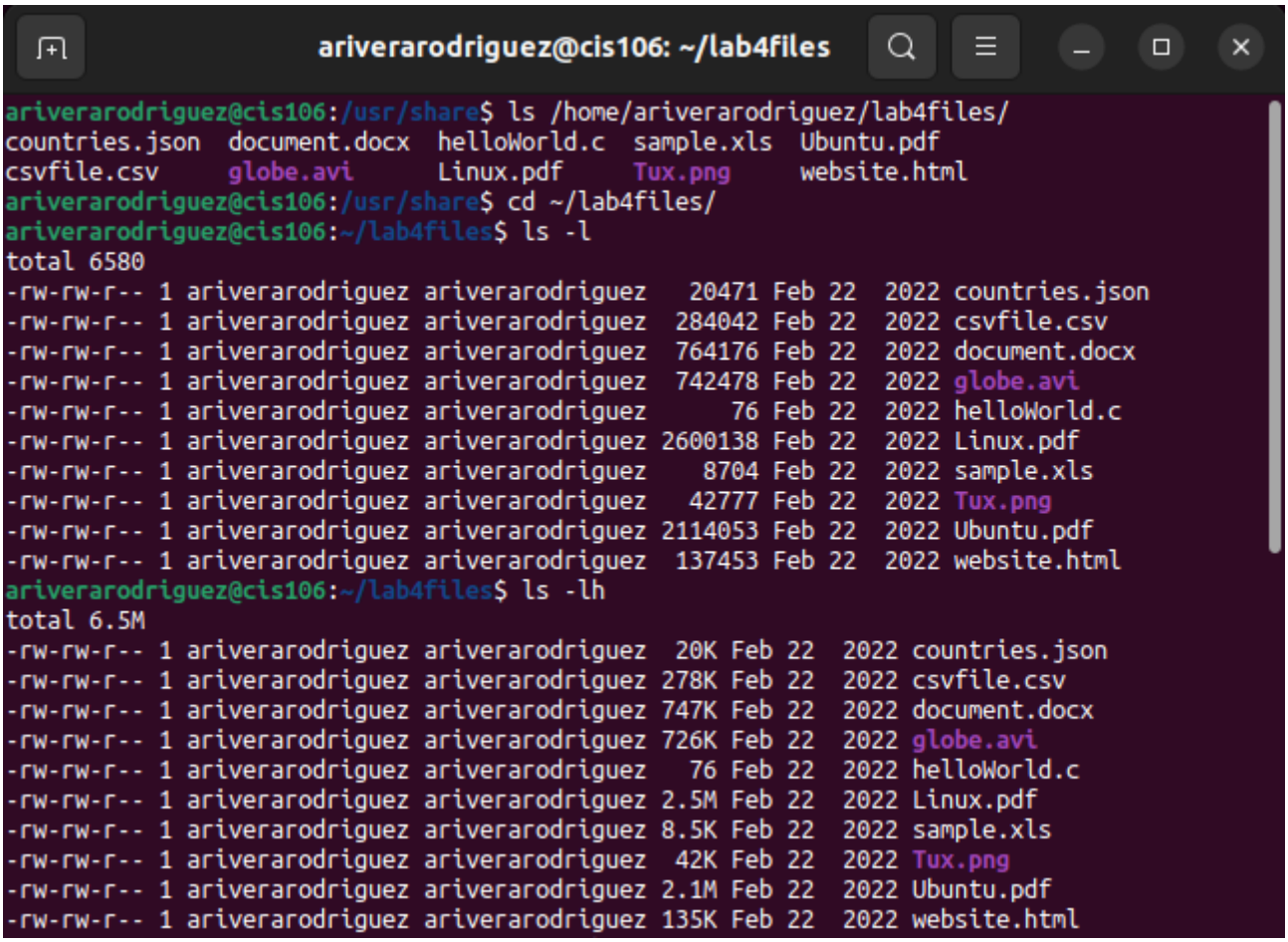
Lab 4 The Linux FS Submission

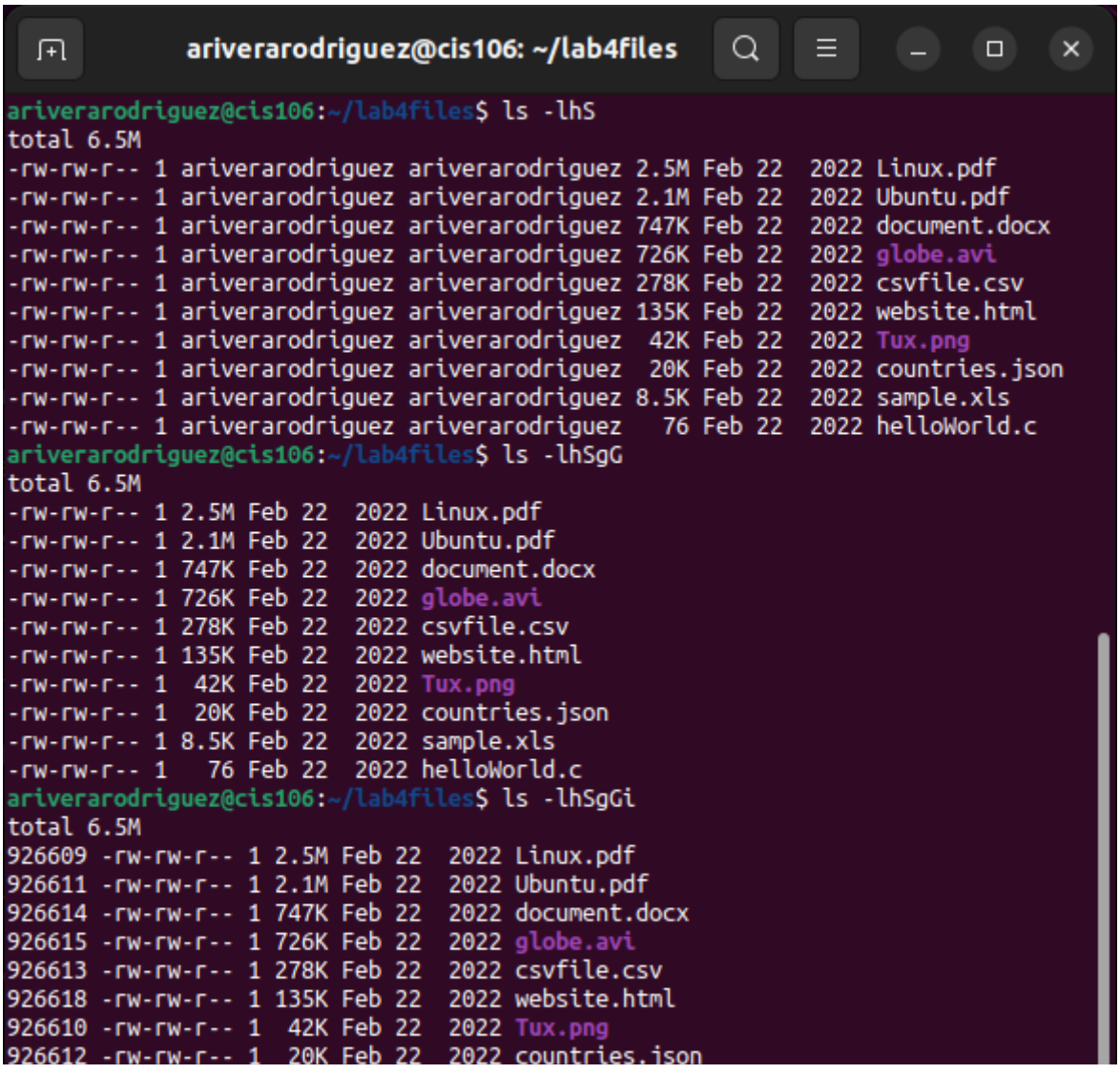
Question 1





Question 2


ariverarodriguez@cis106: ~/lab4files
ariverarodriguez@cis106:/usr/share$ ls /home/ariverarodriguez/lab4files/
countries.json document.docx helloWorld.c sample.xls Ubuntu.pdf
csvfile.csv globe.avi Linux.pdf Tux.png website.html
ariverarodriguez@cis106:/usr/share$ cd ~/lab4files/
ariverarodriguez@cis106:~/lab4files$ ls -l
total 6580
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 20471 Feb 22 2022 countries.json
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 284042 Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 764176 Feb 22 2022 document.docx
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 742478 Feb 22 2022 globe.avi
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 2600138 Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 8704 Feb 22 2022 sample.xls
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 42777 Feb 22 2022 Tux.png
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 2114053 Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 137453 Feb 22 2022 website.html
ariverarodriguez@cis106:~/lab4files$ ls -lh
total 6.5M
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 135K Feb 22 2022 website.html


ariverarodriguez@cis106: ~/lab4files
ariverarodriguez@cis106:~/lab4files$ ls -lhS
total 6.5M
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 135K Feb 22 2022 website.html
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 ariverarodriguez ariverarodriguez 76 Feb 22 2022 helloWorld.c
ariverarodriguez@cis106:~/lab4files$ ls -lhSgG
total 6.5M
-rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 135K Feb 22 2022 website.html
-rw-rw-r-- 1 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
ariverarodriguez@cis106:~/lab4files$ ls -lhSgGi
total 6.5M
926609 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
926611 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
926614 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
926615 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
926613 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
926618 -rw-rw-r-- 1 135K Feb 22 2022 website.html
926610 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
926612 -rw-rw-r-- 1 20K Feb 22 2022 countries.json

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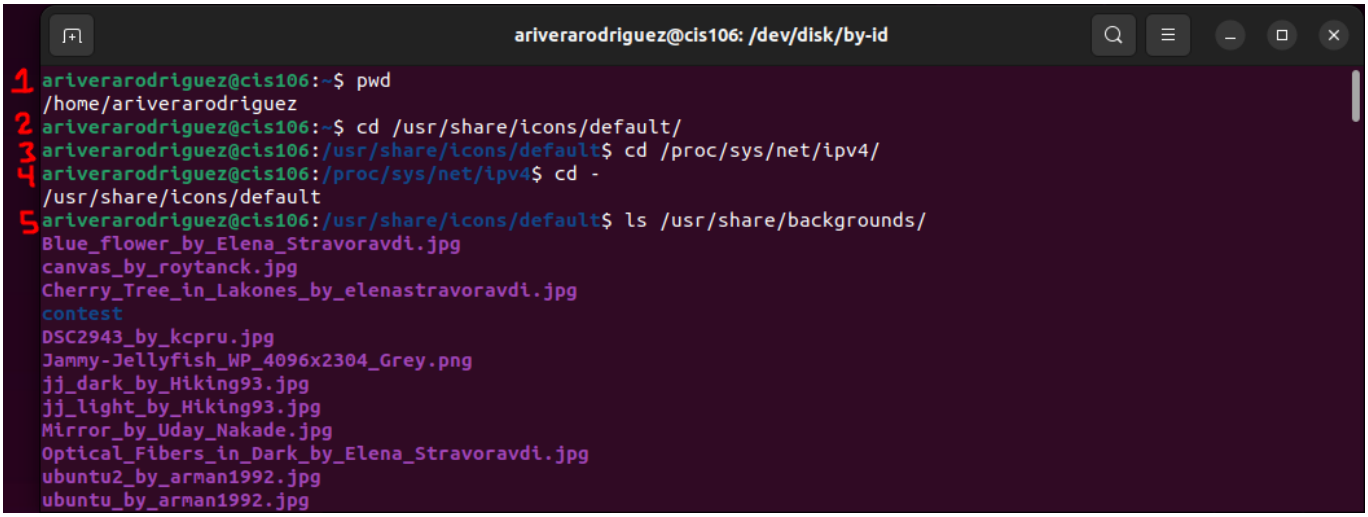
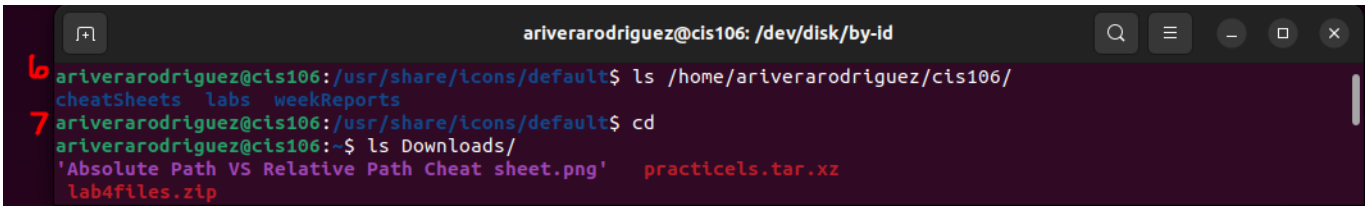
926617 -rw-rw-r-- 1 8.5K Feb 22  2022 sample.xls
926616 -rw-rw-r-- 1   76 Feb 22  2022 helloWorld.c
```

```
ariverarodriguez@cis106:~/lab4files$ ls -Xr
sample.xls  Ubuntu.pdf  countries.json  document.docx  helloWorld.c
Tux.png     Linux.pdf   website.html    csvfile.csv    globe.avi
ariverarodriguez@cis106:~/lab4files$ ls -Xr1
sample.xls
Tux.png
Ubuntu.pdf
Linux.pdf
countries.json
website.html
document.docx
csvfile.csv
helloWorld.c
globe.avi
ariverarodriguez@cis106:~/lab4files$
```

Challenge Question 4





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```
ariverarodriguez@cis106: /dev/disk/by-id
ariverarodriguez@cis106:~$ cd /dev/disk/by-id/
ariverarodriguez@cis106:/dev/disk/by-id$ ls ~ -la
total 2380
drwxr-x--- 25 ariverarodriguez ariverarodriguez    4096 Oct 31 21:58 .
drwxr-xr-x  3 root             root                4096 Oct 27 10:08 ..
drwx------  2 ariverarodriguez ariverarodriguez    4096 Oct 29 23:06 .balsa
-rw-------  1 ariverarodriguez ariverarodriguez    4977 Oct 31 22:49 .bash_history
-rw-r--r--  1 ariverarodriguez ariverarodriguez     220 Oct 27 10:08 .bash_logout
-rw-r--r--  1 ariverarodriguez ariverarodriguez    3771 Oct 27 10:08 .bashrc
drwx------ 23 ariverarodriguez ariverarodriguez    4096 Oct 29 23:16 .cache
drwxrwxr-x  6 ariverarodriguez ariverarodriguez    4096 Oct 27 21:44 cis106
-rw-rw-r--  1 ariverarodriguez ariverarodriguez    3520 Oct 27 22:12 .cis106.png
drwx------ 26 ariverarodriguez ariverarodriguez    4096 Oct 31 22:33 .config
-rw-rw-r--  1 ariverarodriguez ariverarodriguez   17952 Oct 27 22:23 cosmiclatte.odt
drwxr-xr-x  3 ariverarodriguez ariverarodriguez    4096 Oct 30 01:19 Desktop
drwxr-xr-x  2 ariverarodriguez ariverarodriguez    4096 Oct 28 01:34 Documents
drwxrwxr-x  3 ariverarodriguez ariverarodriguez    4096 Oct 27 11:10 .dotnet
drwxr-xr-x  2 ariverarodriguez ariverarodriguez    4096 Oct 31 23:44 Downloads
drwxrwxr-x  2 ariverarodriguez ariverarodriguez   12288 Oct 27 23:40 .fonts
-rw-rw-r--  1 ariverarodriguez ariverarodriguez      91 Oct 27 11:41 gitcommands.txt
-rw-rw-r--  1 ariverarodriguez ariverarodriguez      76 Oct 27 11:28 .gitconfig
drwx------  2 ariverarodriguez ariverarodriguez    4096 Oct 29 23:03 .gnupg
drwxrwxr-x  2 ariverarodriguez ariverarodriguez    4096 Feb 22  2022 lab4files
-rw-------  1 ariverarodriguez ariverarodriguez      20 Oct 29 23:44 .lesshst
drwx------  4 ariverarodriguez ariverarodriguez    4096 Oct 27 11:44 .local
drwx------  2 ariverarodriguez ariverarodriguez    4096 Oct 29 23:05 mail
-rw-------  1 ariverarodriguez ariverarodriguez       0 Oct 29 23:05 mailbox
drwxr-xr-x  2 ariverarodriguez ariverarodriguez    4096 Oct 27 10:27 Music
drwxr-xr-x  2 ariverarodriguez ariverarodriguez    4096 Oct 27 23:46 Pictures
drwx------  3 ariverarodriguez ariverarodriguez    4096 Oct 27 11:05 .pki
drwxrwxr-x  2 ariverarodriguez ariverarodriguez    4096 Feb 27  2022 practicels
-rw-rw-r--  1 ariverarodriguez ariverarodriguez 2229212 Oct 14 11:22 practicels.tar.xz
-rw-r--r--  1 ariverarodriguez ariverarodriguez     807 Oct 27 10:08 .profile
drwxr-xr-x  2 ariverarodriguez ariverarodriguez    4096 Oct 27 10:27 Public
drwx------  5 ariverarodriguez ariverarodriguez    4096 Oct 27 11:02 snap
drwx------  2 ariverarodriguez ariverarodriguez    4096 Oct 27 11:30 .ssh
-rw-r--r--  1 ariverarodriguez ariverarodriguez       0 Oct 27 10:35 .sudo_as_admin_successful
drwxr-xr-x  2 ariverarodriguez ariverarodriguez    4096 Oct 27 10:27 Templates
-rw-r-----  1 ariverarodriguez ariverarodriguez       6 Oct 31 21:44 .vboxclient-clipboard-tty2-control.pid
-rw-r-----  1 ariverarodriguez ariverarodriguez       5 Oct 31 21:44 .vboxclient-clipboard-tty2-service.pid
-rw-r-----  1 ariverarodriguez ariverarodriguez       6 Oct 31 21:44 .vboxclient-draganddrop-tty2-control.pid
-rw-r-----  1 ariverarodriguez ariverarodriguez       5 Oct 31 21:44 .vboxclient-draganddrop-tty2-service.pid
-rw-r-----  1 ariverarodriguez ariverarodriguez       6 Oct 31 21:44 .vboxclient-hostversion-tty2-control.pid
-rw-r-----  1 ariverarodriguez ariverarodriguez       6 Oct 31 21:44 .vboxclient-seamless-tty2-control.pid
-rw-r-----  1 ariverarodriguez ariverarodriguez       5 Oct 31 21:44 .vboxclient-seamless-tty2-service.pid
-rw-r-----  1 ariverarodriguez ariverarodriguez       6 Oct 31 21:44 .vboxclient-vmsvga-session-tty2-control.pid
-rw-r-----  1 ariverarodriguez ariverarodriguez       5 Oct 31 21:44 .vboxclient-vmsvga-session-tty2-service.pid
drwxr-xr-x  2 ariverarodriguez ariverarodriguez    4096 Oct 27 10:27 Videos
drwxrwxr-x  4 ariverarodriguez ariverarodriguez    4096 Oct 27 11:05 .vscode
```

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ariverarodriguez@cis106: /dev/disk/by-id
ariverarodriguez@cis106:/dev/disk/by-id$ ls /usr/share/themes/ -lt
total 120
drwxr-xr-x 7 root root 4096 Aug  7 18:54 Yaru
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-bark
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-bark-dark
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-blue
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-blue-dark
drwxr-xr-x 7 root root 4096 Aug  7 18:54 Yaru-dark
drwxr-xr-x 3 root root 4096 Aug  7 18:54 Yaru-dark-hdpi
drwxr-xr-x 3 root root 4096 Aug  7 18:54 Yaru-dark-xhdpi
drwxr-xr-x 3 root root 4096 Aug  7 18:54 Yaru-hdpi
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-magenta
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-magenta-dark
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-olive
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-olive-dark
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-prussiangreen
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-prussiangreen-dark
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-purple
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-purple-dark
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-red
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-red-dark
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-sage
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-sage-dark
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-viridian
drwxr-xr-x 5 root root 4096 Aug  7 18:54 Yaru-viridian-dark
drwxr-xr-x 3 root root 4096 Aug  7 18:54 Yaru-xhdpi
drwxr-xr-x 4 root root 4096 Aug  7 18:54 Default
drwxr-xr-x 4 root root 4096 Aug  7 18:54 Emacs
drwxr-xr-x 3 root root 4096 Aug  7 18:54 Raleigh
drwxr-xr-x 4 root root 4096 Aug  7 18:54 Adwaita
drwxr-xr-x 4 root root 4096 Aug  7 18:54 Adwaita-dark
drwxr-xr-x 4 root root 4096 Aug  7 18:54 HighContrast
```
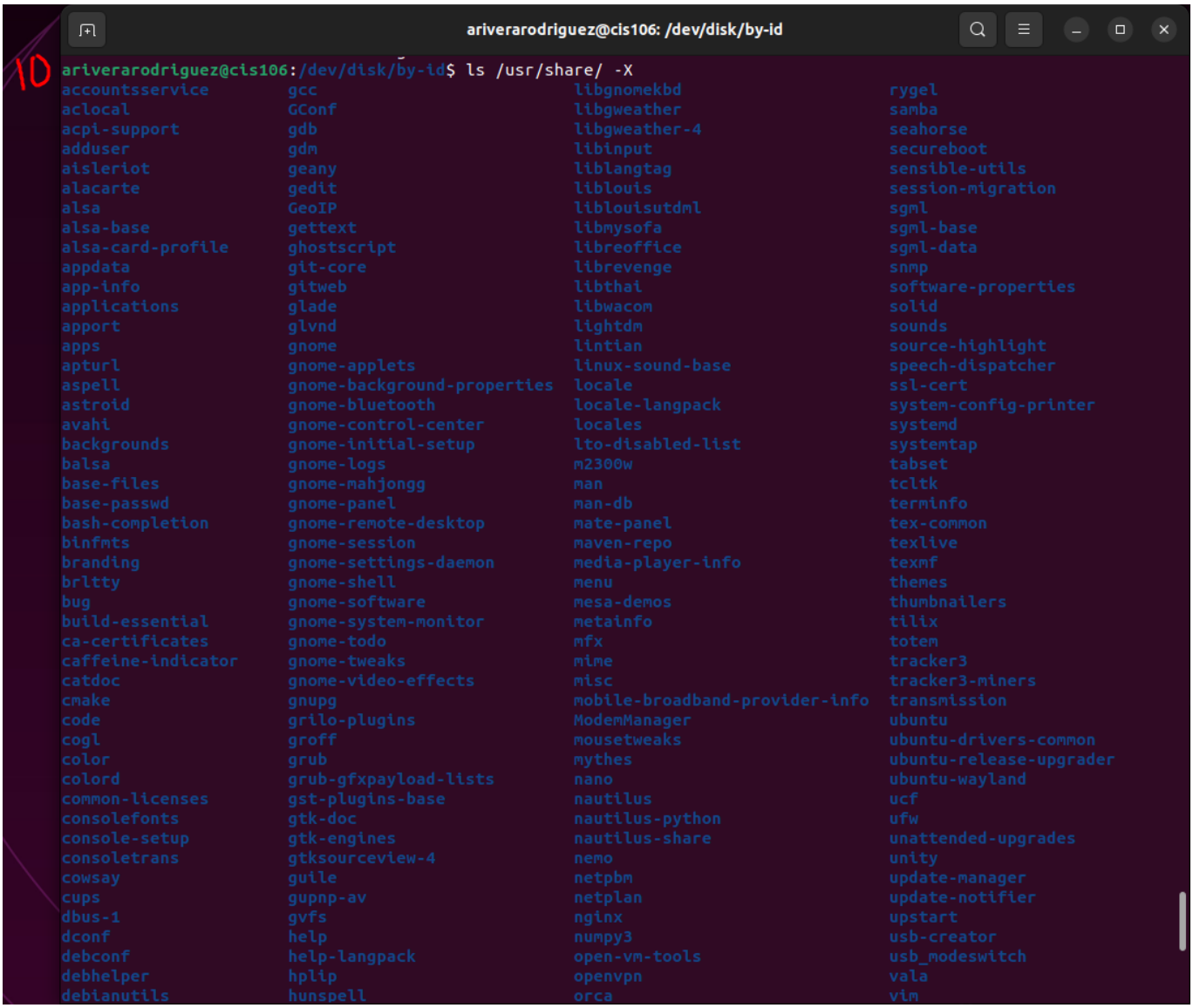
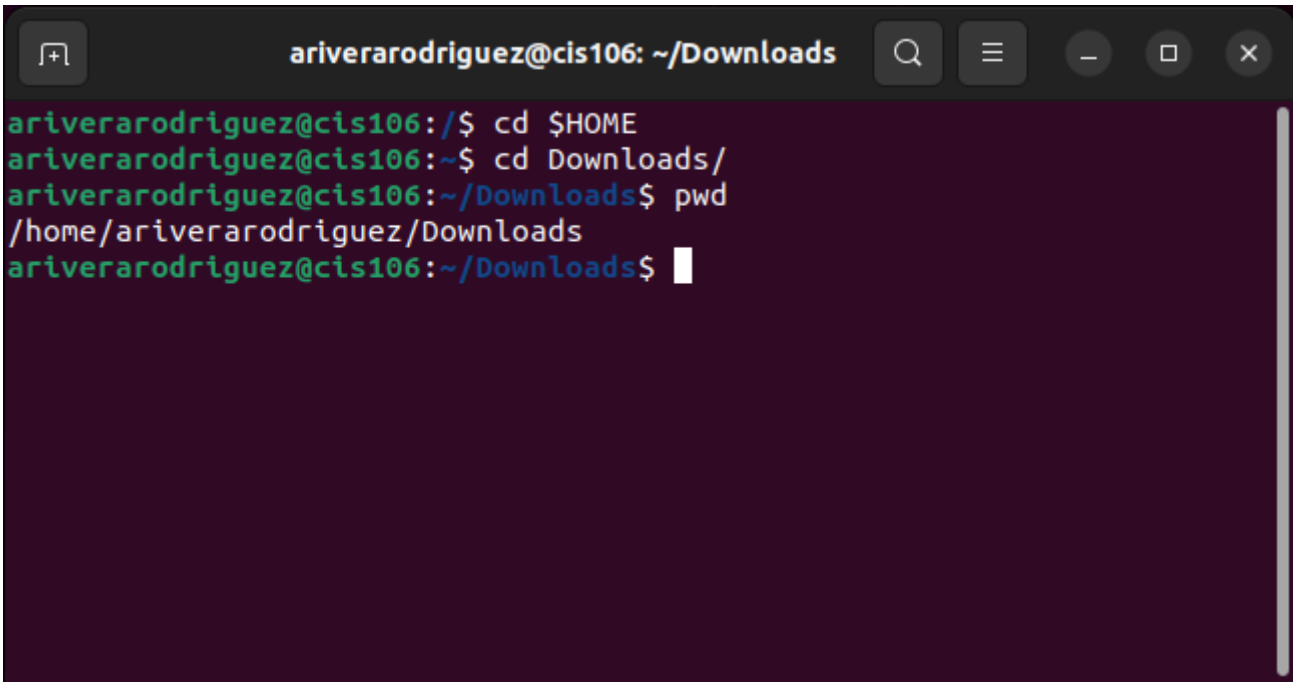
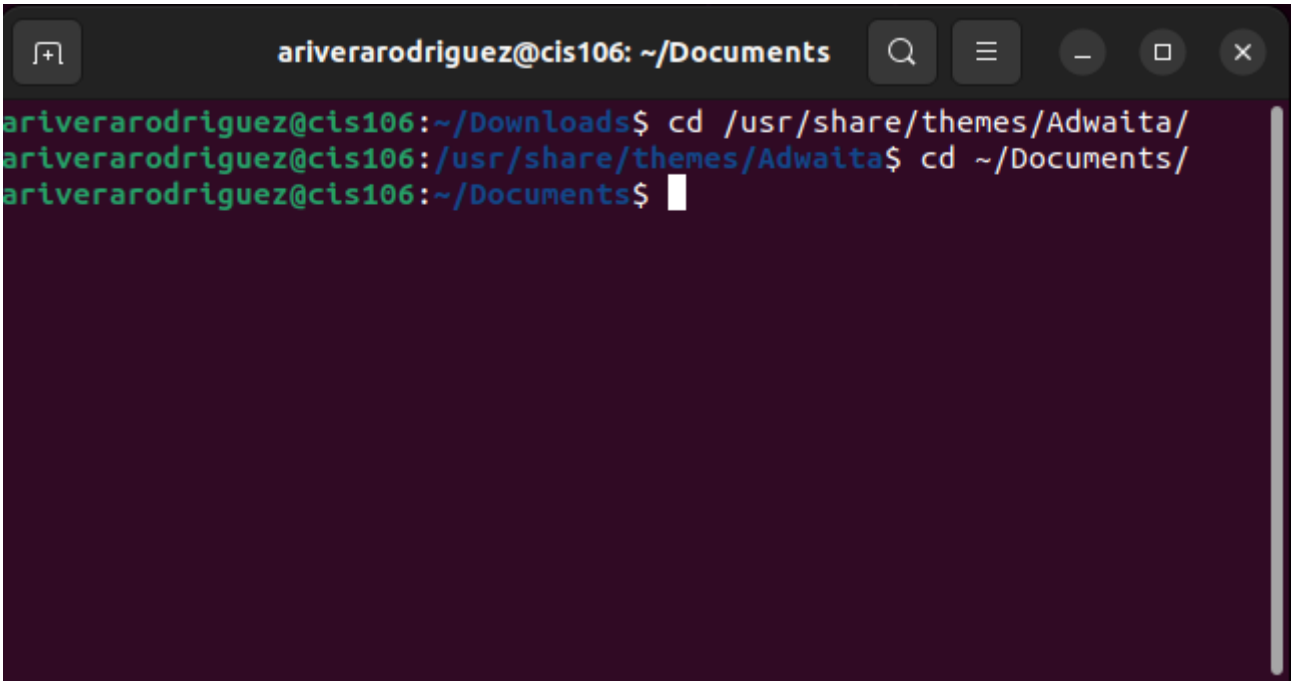



Challenge Question 5


ariverarodriguez@cis106: ~/Downloads
ariverarodriguez@cis106:/$ cd $HOME
ariverarodriguez@cis106:~$ cd Downloads/
ariverarodriguez@cis106:~/Downloads$ pwd
/home/ariverarodriguez/Downloads
ariverarodriguez@cis106:~/Downloads$


ariverarodriguez@cis106: ~/Documents
ariverarodriguez@cis106:~/Downloads$ cd /usr/share/themes/Adwaita/
ariverarodriguez@cis106:/usr/share/themes/Adwaita$ cd ~/Documents/
ariverarodriguez@cis106:~/Documents$