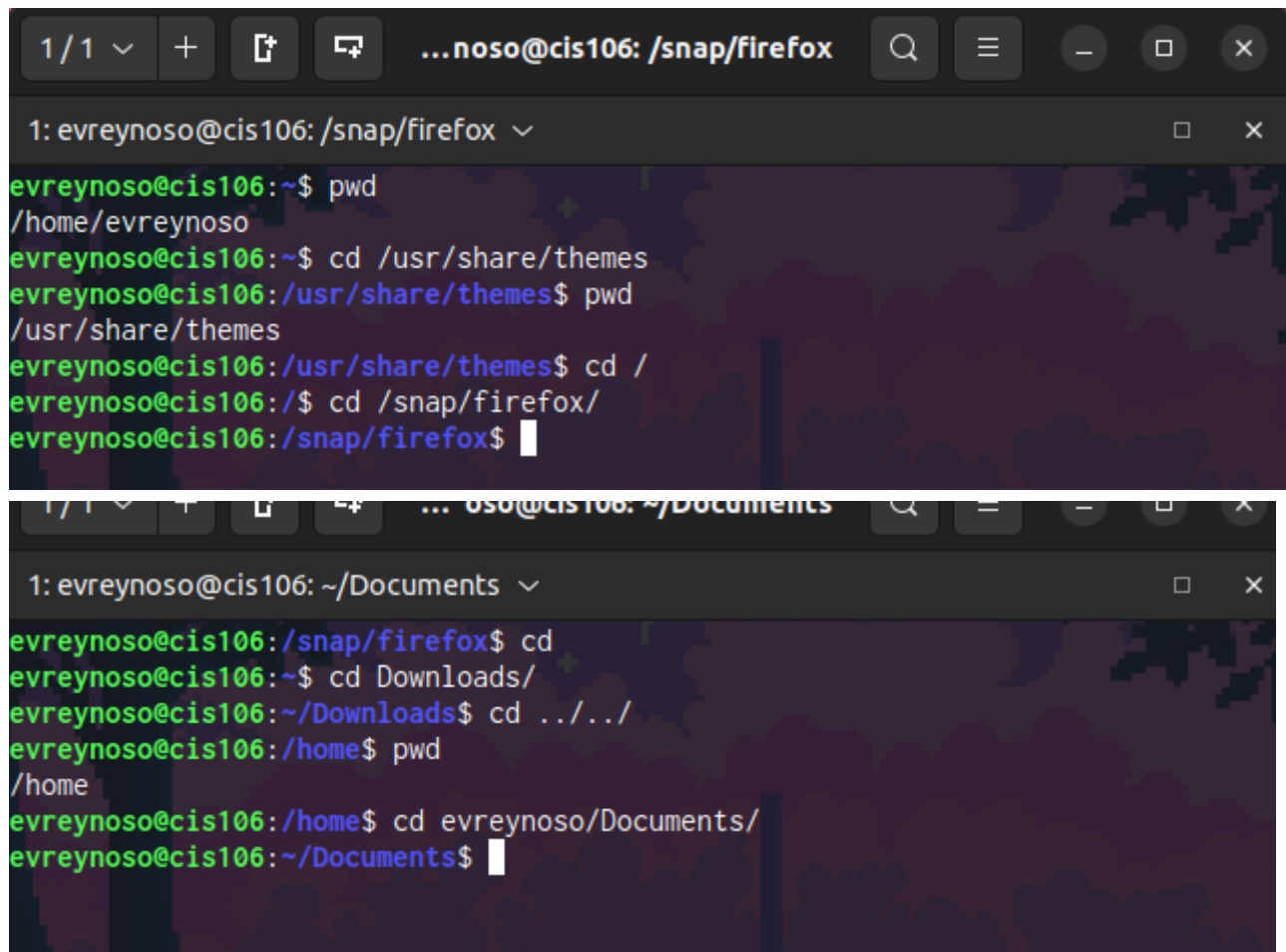


Lab The Linux FS

Question 1



The image shows two terminal windows. The top window is titled '...noso@cis106: /snap/firefox' and shows a user named 'evreynoso' navigating through the file system. The bottom window is titled '...oso@cis106: ~/Documents' and shows the same user navigating from the snap/firefox directory back to the home directory and then to the Documents directory.

```
1: evreynoso@cis106: /snap/firefox
evreynoso@cis106:~$ pwd
/home/evreynoso
evreynoso@cis106:~$ cd /usr/share/themes
evreynoso@cis106:/usr/share/themes$ pwd
/usr/share/themes
evreynoso@cis106:/usr/share/themes$ cd /
evreynoso@cis106:/$ cd /snap/firefox/
evreynoso@cis106:/snap/firefox$

1: evreynoso@cis106: ~/Documents
evreynoso@cis106:/snap/firefox$ cd
evreynoso@cis106:~$ cd Downloads/
evreynoso@cis106:~/Downloads$ cd ../../
evreynoso@cis106:/home$ pwd
/home
evreynoso@cis106:/home$ cd evreynoso/Documents/
evreynoso@cis106:~/Documents$
```

Question 2

```

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

-rw-rw-r-- 1 evreynoso evreynoso 2.1M feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 evreynoso evreynoso 135K feb 22 2022 website.html
evreynoso@cis106:~/lab4files$ ls -lhS
total 6.5M
-rw-rw-r-- 1 evreynoso evreynoso 2.5M feb 22 2022 Linux.pdf
-rw-rw-r-- 1 evreynoso evreynoso 2.1M feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 evreynoso evreynoso 747K feb 22 2022 document.docx
-rw-rw-r-- 1 evreynoso evreynoso 726K feb 22 2022 globe.avi
-rw-rw-r-- 1 evreynoso evreynoso 278K feb 22 2022 csvfile.csv
-rw-rw-r-- 1 evreynoso evreynoso 135K feb 22 2022 website.html
-rw-rw-r-- 1 evreynoso evreynoso 42K feb 22 2022 Tux.png
-rw-rw-r-- 1 evreynoso evreynoso 20K feb 22 2022 countries.json
-rw-rw-r-- 1 evreynoso evreynoso 8.5K feb 22 2022 sample.xls
-rw-rw-r-- 1 evreynoso evreynoso 76 feb 22 2022 helloWorld.c
evreynoso@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
evreynoso@cis106:~/lab4files$ ls -lhSgGi

```

```
evreynoso@cis106:~/lab4files$ ls -lhSgGi
total 6.5M
1442344 -rw-rw-r-- 1 2.5M feb 22 2022 Linux.pdf
1442346 -rw-rw-r-- 1 2.1M feb 22 2022 Ubuntu.pdf
1442355 -rw-rw-r-- 1 747K feb 22 2022 document.docx
1442356 -rw-rw-r-- 1 726K feb 22 2022 globe.avi
1442348 -rw-rw-r-- 1 278K feb 22 2022 csvfile.csv
1442364 -rw-rw-r-- 1 135K feb 22 2022 website.html
1442345 -rw-rw-r-- 1 42K feb 22 2022 Tux.png
1442347 -rw-rw-r-- 1 20K feb 22 2022 countries.json
1442363 -rw-rw-r-- 1 8.5K feb 22 2022 sample.xls
1442362 -rw-rw-r-- 1 76 feb 22 2022 helloWorld.c
```

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

Question 4

```
evreynoso@cis106:/$ cd /usr
evreynoso@cis106:/usr$ cd ../../..
evreynoso@cis106:/$ cd /proc/sys/net/ipv4/
evreynoso@cis106:/proc/sys/net/ipv4$ cd ../../..
evreynoso@cis106:/$ cd /usr
evreynoso@cis106:/usr$ ls /usr/share/backgrounds/
Blue_flower_by_Elena_Stravoravdi.jpg
canvas_by_roytanck.jpg
Cherry_Tree_in_Lakones_by_elenastravoravdi.jpg
contest
DSC2943_by_kcpru.jpg
Jammy-Jellyfish_WP_4096x2304_Grey.png
jj_dark_by_Hiking93.jpg
jj_light_by_Hiking93.jpg
Mirror_by_Uday_Nakade.jpg
Optical_Fibers_in_Dark_by_Elena_Stravoravdi.jpg
ubuntu2_by_arman1992.jpg
ubuntu_by_arman1992.jpg
ubuntu-default-greyscale-wallpaper.png
warty-final-ubuntu.png
evreynoso@cis106:/usr$
```

```
evreynoso@cis106:/usr$ cd ../../..
evreynoso@cis106:/$ cd /home/
evreynoso@cis106:/home$ ls /home/evreynoso/cis106/
CheatSheets labs WeeksReports
evreynoso@cis106:/home$ ls /home/evreynoso/Downloads/
lab4files.zip
```

```

evreynoso@cis106:/home$ cd ../../
evreynoso@cis106:/$ cd /dev/disk/by-id/
evreynoso@cis106:/dev/disk/by-id$ ls -a /home/evreynoso/
.
..
Mail
Music
bash_history
.pam_environment
bash_logout
Pictures
bashrc
.pki
cache
.profile
cis106
Public
cis106.png
snap
claws-mail
.ssh
config
.sudo_as_admin_successful
Descargas
Templates
Desktop
ubuntu
Documentos
.vboxclient-clipboard-tty2-control.pid
Documents
.vboxclient-clipboard-tty2-service.pid
.dotnet
.vboxclient-draganddrop-tty2-control.pid
Downloads
.vboxclient-draganddrop-tty2-service.pid
Escritorio
.vboxclient-hostversion-tty2-control.pid
fonts
.vboxclient-seamless-tty2-control.pid
gitconfig
.vboxclient-seamless-tty2-service.pid
gnupg
.vboxclient-vmtoolsd-session-tty2-control.pid
Imágenes
.vboxclient-vmtoolsd-session-tty2-service.pid
lab4files
Videos
lessht
.vsc

```

```

evreynoso@cis106:~$ ls -lt /usr/share/themes/
total 120
drwxr-xr-x 7 root root 4096 ago 7 18:54 Yaru
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-bark
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-bark-dark
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-blue
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-blue-dark
drwxr-xr-x 7 root root 4096 ago 7 18:54 Yaru-dark
drwxr-xr-x 3 root root 4096 ago 7 18:54 Yaru-dark-hdpi
drwxr-xr-x 3 root root 4096 ago 7 18:54 Yaru-dark-xhdpi
drwxr-xr-x 3 root root 4096 ago 7 18:54 Yaru-hdpi
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-magenta
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-magenta-dark
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-olive
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-olive-dark
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-prussiangreen
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-prussiangreen-dark
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-purple
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-purple-dark
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-red
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-red-dark
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-sage
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-sage-dark
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-viridian
drwxr-xr-x 5 root root 4096 ago 7 18:54 Yaru-viridian-dark
drwxr-xr-x 3 root root 4096 ago 7 18:54 Yaru-xhdpi
drwxr-xr-x 4 root root 4096 ago 7 18:54 Default
drwxr-xr-x 4 root root 4096 ago 7 18:54 Emacs

```



```
evreynoso@cis106:~$ ls -lX /usr/share/
total 1384
drwxr-xr-x  4 root root 4096 oct 10 23:41 accountsservice
drwxr-xr-x  2 root root 4096 sep 24 02:17 aclocal
drwxr-xr-x  2 root root 4096 ago  7 18:53 acpi-support
drwxr-xr-x  2 root root 4096 ago  7 18:52 adduser
drwxr-xr-x  4 root root 4096 sep 24 02:13 aisleriot
drwxr-xr-x  3 root root 4096 oct 10 23:41 alacarte
drwxr-xr-x 11 root root 4096 ago  7 18:53 alsa
drwxr-xr-x  2 root root 4096 ago  7 18:53 alsa-base
drwxr-xr-x  3 root root 4096 ago  7 18:54 alsa-card-profile
drwxr-xr-x  2 root root 4096 oct 26 00:33 appdata
drwxr-xr-x  3 root root 4096 sep 24 02:21 app-info
drwxr-xr-x  2 root root 12288 oct 26 00:35 applications
drwxr-xr-x  3 root root 4096 oct 12 02:37 apport
drwxr-xr-x  4 root root 4096 sep 24 02:21 apps
drwxr-xr-x  2 root root 4096 ago  7 18:53 apturl
drwxr-xr-x  2 root root 4096 ago  7 18:53 aspell
drwxr-xr-x  2 root root 4096 ago  7 18:53 avahi
drwxr-xr-x  3 root root 4096 ago  7 18:54 backgrounds
drwxr-xr-x  2 root root 4096 ago  7 18:53 base-files
drwxr-xr-x  2 root root 4096 ago  7 18:52 base-passwd
drwxr-xr-x  4 root root 4096 ago  7 18:53 bash-completion
drwxr-xr-x  2 root root 4096 ago  7 18:53 binfmts
drwxr-xr-x  4 root root 4096 ago  7 18:54 branding
drwxr-xr-x  3 root root 4096 ago  7 18:54 brltty
drwxr-xr-x 134 root root 4096 sep 24 02:21 bug
```

Question 5

```
1: evreynoso@cis106: ~/Downloads ▾
evreynoso@cis106:~$ pwd
/home/evreynoso
evreynoso@cis106:~$ cd ~/Downloads/
evreynoso@cis106:~/Downloads$ pwd
/home/evreynoso/Downloads
evreynoso@cis106:~/Downloads$
```

```
evreynoso@cis106:/$ cd /usr/share/themes/Adwaita
evreynoso@cis106:/usr/share/themes/Adwaita$ pwd
/usr/share/themes/Adwaita
evreynoso@cis106:/usr/share/themes/Adwaita$ cd /home/evreynoso/Documents
evreynoso@cis106:~/Documents$ pwd
/home/evreynoso/Documents
evreynoso@cis106:~/Documents$
```