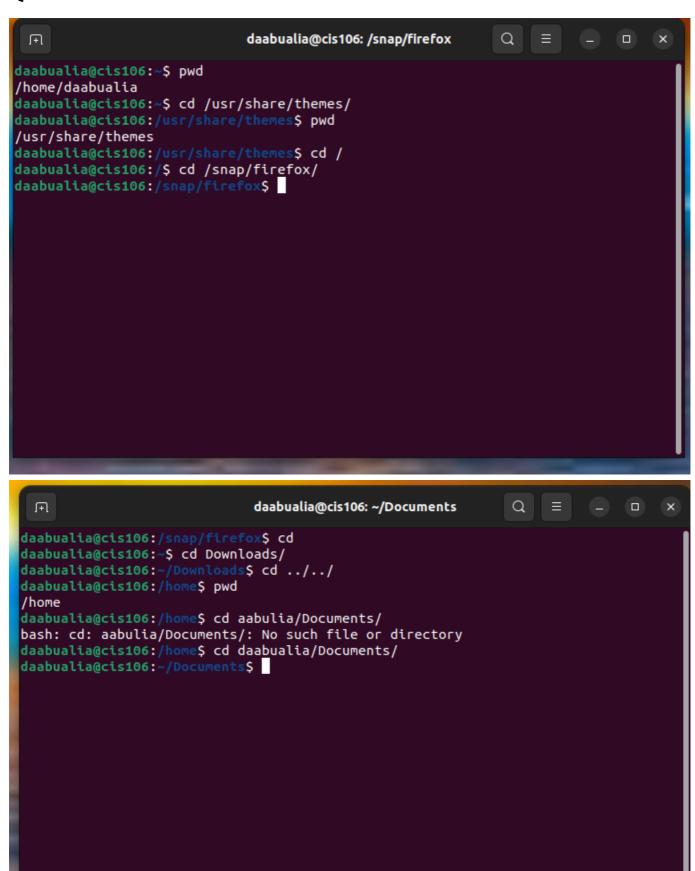
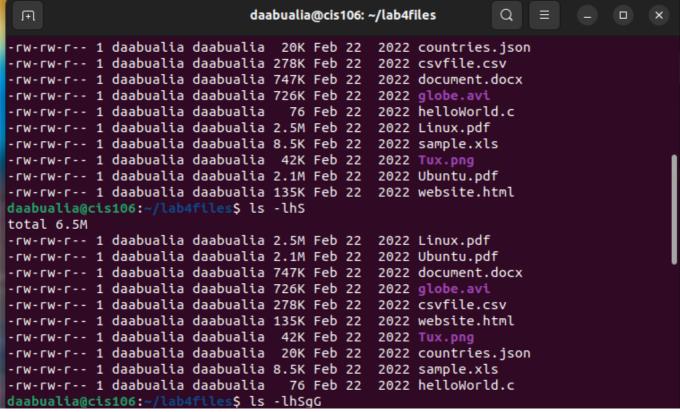
# lab 4 The Linux FS



```
daabualia@cis106: ~/lab4files
                                                              Q
                                                                             П
                                                                                  ×
daabualia@cis106:/usr/share$ ls /Home/daabualia/lab4files/
ls: cannot access '/Home/daabualia/lab4files/': No such file or directory
daabualia@cis106:/usr/share$ ls /home/daabualia/lab4files/
countries.json document.docx helloWorld.c sample.xls Ubuntu.pdf
csvfile.csv
                qlobe.avi
                               Linux.pdf
                                             Tux.png
                                                          website.html
daabualia@cis106:/usr/share$ cd ~/lab4files/
daabualia@cis106:~/lab4filesS ls -l
total 6580
-rw-rw-r-- 1 daabualia daabualia
                                   20471 Feb 22
                                                 2022 countries.json
-rw-rw-r-- 1 daabualia daabualia 284042 Feb 22
                                                 2022 csvfile.csv
-rw-rw-r-- 1 daabualia daabualia
                                  764176 Feb 22
                                                 2022 document.docx
                                  742478 Feb 22
-rw-rw-r-- 1 daabualia daabualia
                                                 2022 globe.avi
-rw-rw-r-- 1 daabualia daabualia
                                       76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 daabualia daabualia 2600138 Feb 22
                                                 2022 Linux.pdf
-rw-rw-r-- 1 daabualia daabualia
                                    8704 Feb 22
                                                 2022 sample.xls
-rw-rw-r-- 1 daabualia daabualia
                                   42777 Feb 22
                                                 2022 Tux.png
-rw-rw-r-- 1 daabualia daabualia 2114053 Feb 22
                                                 2022 Ubuntu.pdf
-rw-rw-r-- 1 daabualia daabualia 137453 Feb 22
                                                 2022 website.html
daabualia@cis106:~/lab4files$ ls -h
countries.json document.docx helloWorld.c
                                             sample.xls Ubuntu.pdf
                globe.avi
csvfile.csv
                                                          website.html
                               Linux.pdf
                                             Tux.png
daabualia@cis106:~/lab4files$ ls -lh
total 6.5M
```



```
daabualia@cis106: ~/lab4files
 Ħ
                                                                           daabualia@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
daabualia@cis106:~/lab4files$
daabualia@cis106:~/lab4files$ ls -lhSgGi
total 6.5M
1994901 -rw-rw-r-- 1 2.5M Feb 22
                                 2022 Linux.pdf
1994903 -rw-rw-r-- 1 2.1M Feb 22
                                2022 Ubuntu.pdf
1994906 -rw-rw-r-- 1 747K Feb 22
                                 2022 document.docx
1994907 -rw-rw-r-- 1 726K Feb 22
                                 2022 globe.avi
1994905 -rw-rw-r-- 1 278K Feb 22
                                 2022 csvfile.csv
1994910 -rw-rw-r-- 1 135K Feb 22
                                 2022 website.html
1994902 -rw-rw-r-- 1 42K Feb 22
                                 2022 Tux.png
1994904 -rw-rw-r-- 1 20K Feb 22
                                 2022 countries.json
1994909 -rw-rw-r-- 1 8.5K Feb 22
                                 2022 sample.xls
daabualla@cls106:~/L
                              S$ LS
                                    - X r
                          countries.json document.docx
sample.xls
             Ubuntu.pdf
                                                            helloWorld.c
Tux.png
             Linux.pdf
                          website.html
                                            csvfile.csv
                                                             globe.avi
daabualia@cis106:~/lab4files$
```

```
D)
                    -
                          ... cis106: /usr/share/themes
                                                        Q
                                                                              ×
 1: daabualia@cis106: /usr/share/themes 🗸
                                                                      AI □
                                                                              ×
daabualia@cis106:~$ pwd
/home/daabualia
daabualia@cis106:~$ cd /usr/share/icons/default/
daabualia@cis106:/usr/share/icons/default$ cd
daabualia@cis106:~$ cd /proc/sys/ipv4/
bash: cd: /proc/sys/ipv4/: No such file or directory
daabualia@cis106:~$ cd /proc/sys/net/ipv4/
daabualia@cis106:/proc/sys/net/ipv4$ cd
daabualia@cis106:~$ cd /usr/share/backgrounds/
daabualia@cis106:/usr/share/backgrounds$ ls
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
daabualia@cis106:/usr/share/backgrounds$ cd /home
daabualia@cis106:/home$ ls daabualia/cis106/
'cheat Sheets'
                 labs
                        weekReports
daabualia@cis106:/home$ ls ~/Downloads/
game.exe Games1 Games2
                          lab4files.zip practicels.tar.xz
```

```
daabualia@cis106:/dev/disk/by-id$ ls -al ~
total 2408
drwxr-x--- 32 daabualia daabualia
                                    4096 Oct 26 18:47
drwxr-xr-x 3 root
                       root
                                    4096 Sep 21 13:12
                                       0 Oct 26 18:17
          1 daabualia daabualia
-rw-rw-r--
-rw----- 1 daabualia daabualia
                                 10128 Oct 27 10:09
                                                       .bash_history
-rw-r--r-- 1 daabualia daabualia
                                     220 Sep 21 13:12
                                                       .bash_logout
                                    3771 Sep 21 13:12 .bashrc
-rw-r--r-- 1 daabualia daabualia
drwx----- 27 daabualia daabualia
                                    4096 Oct 5 13:52 .cache
drwxrwxr-x 6 daabualia daabualia
                                    4096 Oct 10 20:18 cis106
-rw-rw-r-- 1 daabualia daabualia
                                    3520 Oct 5 12:03
                                                       .cis106.png
drwx----- 28 daabualia daabualia
                                    4096 Oct 22 15:58
                                                       .config
                                    4096 Oct 5 11:59
drwxr-xr-x 2 daabualia daabualia
                                                       Desktop
drwxr-xr-x 2 daabualia daabualia
                                    4096 Oct 26 18:08
                                                       Documents
drwxrwxr-x 3 daabualia daabualia
                                    4096 Sep 23 17:41
                                                       .dotnet
                                    4096 Oct 26 18:03
drwxr-xr-x 4 daabualia daabualia
                                                       Downloads
-rw-rw-r-- 1 daabualia daabualia
                                       0 Oct 26 18:17
                                                       file
           1 daabualia daabualia
                                       0 Oct 26 18:45
                                                      file1
-rw-rw-r--
-rw-rw-r-- 1 daabualia daabualia
                                       0 Oct 26 18:45 file2
                                       0 Oct 26 18:45
          1 daabualia daabualia
                                                       file3
-rw-rw-r--
drwxrwxr-x 2 daabualia daabualia
                                    4096 Oct 26 18:19
                                                       filefolder
drwxrwxr-x 2 daabualia daabualia
                                   20480 Oct 3 18:09
                                                       . fonts
drwxrwxr-x 3 daabualia daabualia
                                    4096 Oct 19 18:22
                                                       Games
```

```
-rw-rw-r-- 1 daabualia daabualia
                                       88 Sep 25 10:06
                                                       gitcommands.txt
 -rw-rw-r-- 1 daabualia daabualia
                                       62 Sep 25 09:16
                                                       .gitconfig
 drwx----- 2 daabualia daabualia
                                     4096 Sep 28 18:01
                                                       .gnupg
drwxrwxr-x 2 daabualia daabualia
                                     4096 Sep 28 17:57
                                                        hidden
-rw-rw-r-- 1 daabualia daabualia
                                        0 Sep 28 17:59
                                                       hidden_file
                                       6 Oct 26 18:44 .vboxclient-hostversion-
-rw-r---- 1 daabualia daabualia
tty2-control.pid
-rw-r---- 1 daabualia daabualia
                                      6 Oct 26 18:44 .vboxclient-seamless-ttv
2-control.pid
-rw-r---- 1 daabualia daabualia 6 Oct 26 18:44 .vboxclient-seamless-tty
2-service.pid
-rw-r---- 1 daabualia daabualia
                                      6 Oct 26 18:44 .vboxclient-vmsvga-sessi
on-tty2-control.pid
-rw-r---- 1 daabualia daabualia
                                      6 Oct 26 18:44 .vboxclient-vmsvga-sessi
on-tty2-service.pid
drwxr-xr-x 2 daabualia daabualia
-rw----- 1 daabualia daabualia
                                   4096 Oct 19 18:43 Videos
                                    532 Oct 5 13:20 .viminfo
                                  4096 Sep 23 17:40 .vscode
drwxrwxr-x 4 daabualia daabualia
                                    4096 Oct 19 18:26 websit
drwxrwxr-x 2 daabualia daabualia
drwxrwxr-x 4 daabualia daabualia
                                    4096 Oct 19 18:39 website
daabualia@cis106:/dev/disk/by-id$ cd
daabualia@cis106:~$ cd /usr/share/themes/
daabualia@cis106:/usr/share/themes$ ls -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
```

g 7 18:54 Yaru-viridian	
g 7 18:54 Yaru-viridian-	-dark
g 7 18:54 Yaru-xhdpi	
g 7 18:54 Default	
g 7 18:54 Emacs	
g 7 18:54 Raleigh	
g 7 18:54 Adwaita	
g 7 18:54 Adwaita-dark	
	7
daabualia@cis106:/usr/share/themes\$ ls -x /usr/share/	
aclocal	acpi-support
aisleriot	alacarte
alsa-base	alsa-card-profile
appdata	app-info
applications	apport
aptur1	aspell
backgrounds	base-files
bash-completion	binfmts
brltty	bug
ca-certificates	caffeine-indicator
cmake	cmus
cogl	color
common-licenses	consolefonts
consoletrans	cowsay
dbus-1	dconf
debhelper	debianutils
desktop-directories	dict
distro-info	djvu \
֡	og 7 18:54 Yaru-viridian- og 7 18:54 Yaru-xhdpi og 7 18:54 Default og 7 18:54 Emacs og 7 18:54 Raleigh og 7 18:54 Adwaita og 7 18:54 HighContrast oemes\$ 1s -x /usr/share/ oclocal ocl

