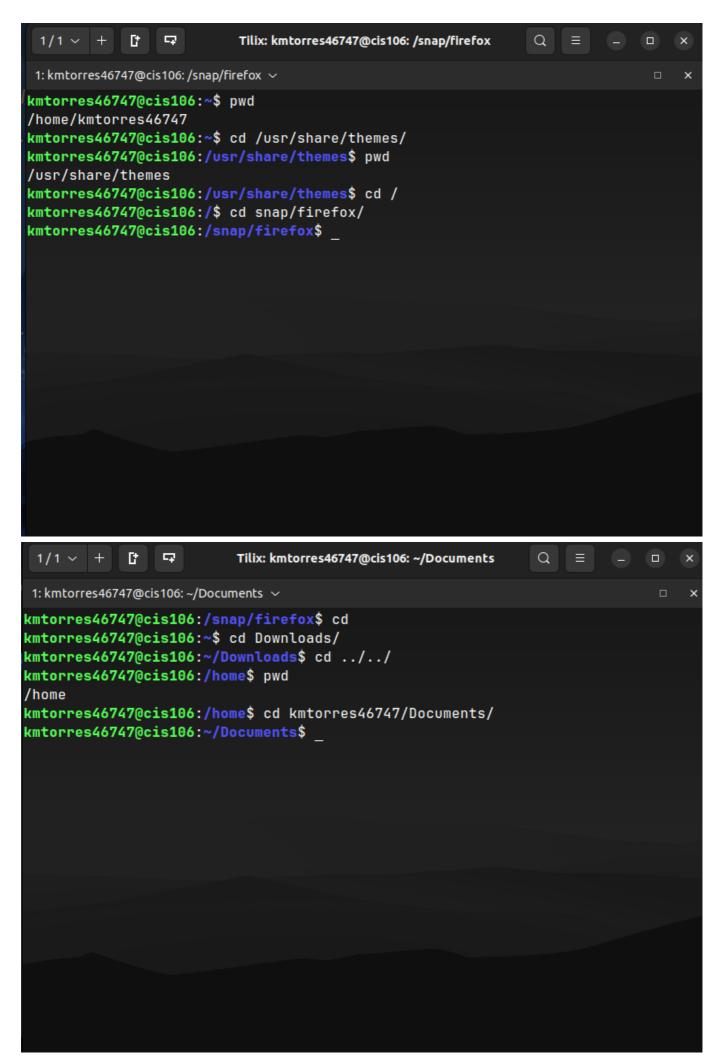
## Lab 4 The Linux FS



```
1/1 ~ +
            D)
1: kmtorres46747@cis106: ~/lab4files ~
kmtorres46747@cis106:~/Documents$ cd /usr/share/
kmtorres46747@cis106:/usr/share$ ls /home/kmtorres46747/lab4files/
countries.json document.docx helloWorld.c sample.xls
                                                         Ubuntu.pdf
csvfile.csv
                globe.avi
                               Linux.pdf
                                             Tux.png
                                                         website.html
kmtorres46747@cis106:/usr/share$ cd ~/lab4files/
kmtorres46747@cis106:~/lab4files$ ls -l
total 6580
-rw-rw-r-- 1 kmtorres46747 kmtorres46747
                                           20471 Feb 22 2022 countries.json
-rw-rw-r-- 1 kmtorres46747 kmtorres46747
                                          764176 Feb 22 2022 document.docx
rw-rw-r-- 1 kmtorres46747 kmtorres46747
                                          742478 Feb 22
                                                         2022 globe.avi
-rw-rw-r-- 1 kmtorres46747 kmtorres46747
                                              76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 2600138 Feb 22
                                                         2022 Linux.pdf
-rw-rw-r-- 1 kmtorres46747 kmtorres46747
                                            8704 Feb 22 2022 sample.xls
-rw-rw-r-- 1 kmtorres46747 kmtorres46747
                                           42777 Feb 22
                                                        2022 Tux.png
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 2114053 Feb 22
                                                         2022 Ubuntu.pdf
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 137453 Feb 22
                                                         2022 website.html
kmtorres46747@cis106:~/lab4files$ ls -lh
total 6.5M
-rw-rw-r-- 1 kmtorres46747 kmtorres46747
                                          20K Feb 22
                                                      2022 countries.json
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 278K Feb 22
                                                      2022 csvfile.csv
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 747K Feb 22
                                                      2022 document.docx
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 726K Feb 22
                                                      2022 globe.avi
-rw-rw-r-- 1 kmtorres46747 kmtorres46747
                                           76 Feb 22
                                                      2022 helloWorld.c
rw-rw-r-- 1 kmtorres46747 kmtorres46747 2.5M Feb 22
                                                      2022 Linux.pdf
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 8.5K Feb 22
                                                      2022 sample.xls
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 42K Feb 22
                                                      2022 Tux.png
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 2.1M Feb 22
                                                      2022 Ubuntu.pdf
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 135K Feb 22
                                                      2022 website.html
kmtorres46747@cis106:~/lab4files$ ls -lhS
total 6.5M
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 2.5M Feb 22
                                                      2022 Linux.pdf
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 2.1M Feb 22
                                                      2022 Ubuntu.pdf
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 747K Feb 22
                                                      2022 document.docx
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 726K Feb 22
                                                      2022 globe.avi
rw-rw-r-- 1 kmtorres46747 kmtorres46747 278K Feb 22
                                                      2022 csvfile.csv
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 135K Feb 22 2022 website.html
rw-rw-r-- 1 kmtorres46747 kmtorres46747 135K Feb 22  2022 website.html-
-rw-rw-r-- 1 kmtorres46747 kmtorres46747
                                     42K Feb 22
                                                 2022 Tux.png
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 kmtorres46747 kmtorres46747 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 kmtorres46747 kmtorres46747
                                      76 Feb 22
                                                 2022 helloWorld.c
kmtorres46747@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
kmtorres46747@cis106:~/lab4files$ ls -lhSgGi
total 6.5M
2112376 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
2112378 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
2112381 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
2112382 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
2112380 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
2112385 -rw-rw-r-- 1 135K Feb 22 2022 website.html
2112377 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
2112384 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
2112383 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
kmtorres46747@cis106:~/lab4files$ ls -Xr
sample.xls Ubuntu.pdf countries.json document.docx helloWorld.c
           Linux.pdf
                      website.html
                                    csvfile.csv
                                                  globe.avi
Tux.png
kmtorres46747@cis106:~/lab4files$
```

```
Tilix: kmtorres46747@cis106: /dev/disk/by-id
  1/1 ∨ | + | 🚼 | 🖵
 1: kmtorres46747@cis106: /dev/disk/by-id ~
cmtorres46747@cis106:~$ pwd
/home/kmtorres46747
kmtorres46747@cis106:~$ cd /usr/share/icons/default/
kmtorres46747@cis106:/usr/share/icons/default$ cd /proc/sys/net/ipv4
kmtorres46747@cis106:/proc/sys/net/ipv4$ cd ...
kmtorres46747@cis106:/proc/sys/net$ ls /usr/share/backgrounds/
Blue_flower_by_Elena_Stravoravdi.jpg
canvas_by_roytanck.jpg
Cherry_Tree_in_Lakones_by_elenastravoravdi.jpg
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
kmtorres46747@cis106:/proc/sys/net$ ls /home/kmtorres46747/cis106/
kmtorres46747@cis106:/proc/sys/net$ cd /home/
kmtorres46747@cis106:/home$ ls kmtorres46747/Downloads/
lab4files.zip wallpaper.png
kmtorres46747@cis106:/home$ cd /dev/disk/by-id
kmtorres46747@cis106:/dev/disk/by-id$ ls -la
total 0
drwxr-xr-x 2 root root 140 Mar 17 18:33 .
drwxr-xr-x 7 root root 140 Mar 17 18:33 ...
lrwxrwxrwx 1 root root 9 Mar 17 18:33 ata-VBOX_HARDDISK_VBc3ae41cc-31f53f81 -> ../../sda
lrwxrwxrwx 1 root root 10 Mar 17 18:33 ata-VBOX_HARDDISK_VBc3ae41cc-31f53f81-part1 -> ../../sda1
lrwxrwxrwx 1 root root 10 Mar 17 18:33 ata-VBOX_HARDDISK_VBc3ae41cc-31f53f81-part2 -> ../../sda2
lrwxrwxrwx 1 root root 10 Mar 17 18:33 ata-VBOX_HARDDISK_VBc3ae41cc-31f53f81-part3 -> ../../sda3
kmtorres46747@cis106:/dev/disk/by-id$ ls /usr/share/themes/ -t
                                                                    Yaru-red-dark
                                                                                           Default
                                                                                           Tilix: kmtorres46747@cis106: /dev/disk/by-id
 1: kmtorres46747@cis106: /dev/disk/by-id ~
                                       Yaru-prussiangreen-dark
                                                                    Yaru-sage-dark
Yaru-blue
                                                                    Yaru-viridian-dark Adwaita-dark
kmtorres46747@cis106:/dev/disk/by-id$ ls /usr/share -X
accountsservice
                                 gnome-software
                                 gnome-system-monitor
adduser
                                                                     perl5
alsa-card-profile
apport
apturl
backgrounds
                                                                     pyshared
base-passwd
                                                                     qlogging-categories5
branding
brlttv
                                 ibus-table
```

caffeine-indicator ImageMagick-6 rsync
catdoc im-config rsyslog
cmake indicator-application rubygems-integration
code indicator-power rygel

1: kmtorres46747@cis106: /dev/disk/by-id ~ locale-langpack update-notifier fonts-droid-fallback upstart fonts-sil-abyssinica usb-creator lto-disabled-list usb modeswitch foo2zjs man-db mate-panel media-player-info wayland-sessions mesa-demos xdg-desktop-portal xml-core geary mythes nautilus-python qlib-2.0 gnome-applets gnome-bluetooth-3.0 gnome-background-properties netpbm goa-1.0 gnome-bluetooth netplan gstreamer-1.0 gnome-control-center gnome-initial-setup gtksourceview-2.0 gnome-logs gupnp-dlna-2.0 orca org.gnome.Characters gnome-remote-desktop drirc.d os-prober gnome-session p11-kit package-data-downloads gnome-settings-daemon kmtorres46747@cis106:/dev/disk/by-id\$

