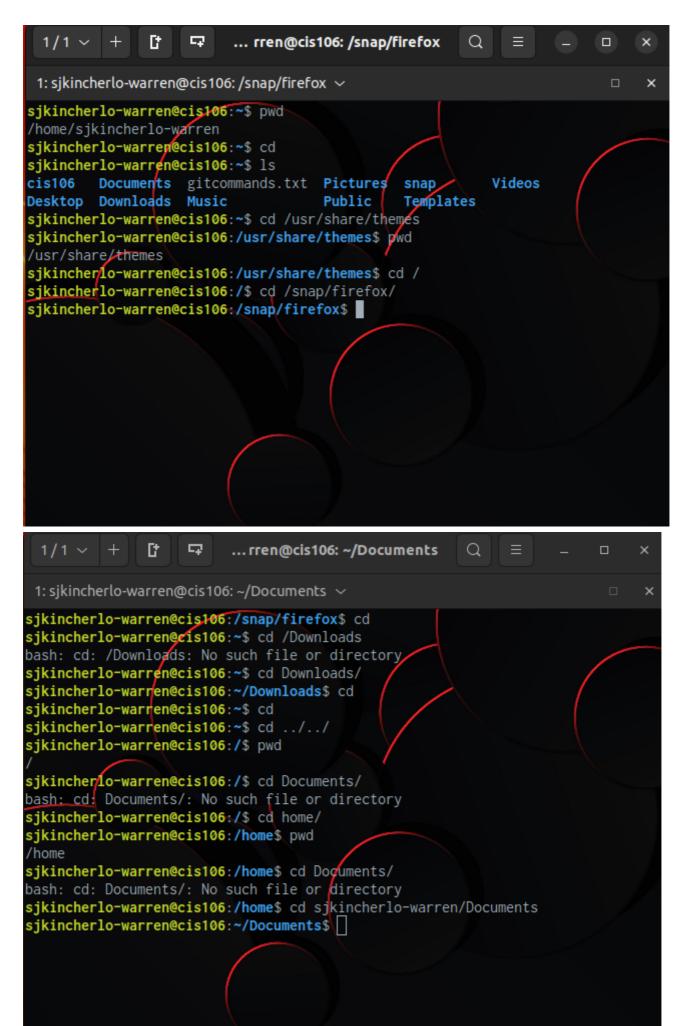
# Lab 4 The linux FS

Question 1



### Question 2

```
1/1 > + 🗗 🛱
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tilix: sjkincherlo
  1: sjkincherlo-warren@cis106: ~/lab4files  ~
sjkincherlo-warren@cis106:~$ cd /usr/share/
   kincherlo-warren@cis106:/usr/share$ 1s /home/sjkincherlo-warren/labfiles/
c cannot access '/home/sjkincherlo-warren/labfiles/': No such file or directory
  | Scannot access / Home/spiritcherlo-warren/ab/fies/ - Wo such file of directions of the file of the f
    kincherlo-warren@cis106:~/lab4files$ ls
  tal 6580
      kincherlo-warren@cis106:~/lab4files$ ls -h
   ountries.json document.docx helloWorld.c sample.xls Ubuntu.pdf
svfile.csv globe.avi Linux.pdf Tux.png website.html
ikincherlo-warren@cis106:~/lab4files$ ls -lh
Cotal 6.5M

rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 20K Feb 22 2022 countries.json rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 278K feb 22 2022 csyfile.csv

rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 747K feb 22 2022 document.docx

rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 75K Feb 22 2022 globe.avi

rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 76 Feb 22 2022 hlou.x.pdf

rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 2.5M Feb 22 2022 Linux.pdf

rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 8.5K Feb 22 2022 sample.xls

rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 2.1M Feb 22 2022 Tux.png

rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 135K Feb 22 2022 Ubuntu.pdf

rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 135K Feb 22 2022 Website.html

jkincherlo-warrenecis106:-/lab4files$ ls -lhS
   otar o.5M
w-rw-r- 1 sjkincherlo-warren sjkincherlo-warren 2.5M Feb 22 2022 Linux.pdf
rw-rw-r- 1 sjkincherlo-warren sjkincherlo-warren 2.1M Feb 22 2022 Ubuntu.pdf
rw-rw-r- 1 sjkincherlo-warren sjkincherlo-warren 747K Feb 22 2022 document.docx
rw-rw-r- 1 sjkincherlo-warren sjkincherlo-warren 726K Feb 22 2022 globe.avi
   rw-rw-r-- I sjkincherlo-warren sjkincherlo-warren /26k Feb 22 2022 globe.avi
rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 278k Feb 22 2022 csvfile.csv
rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 135K Feb 22 2022 website.html
rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 42K Feb 22 2022 Tux.png
rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 20K Feb 22 2022 countries.json
rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 8.5K Feb 22 2022 sample.xls
rw-rw-r-- 1 sjkincherlo-warren sjkincherlo-warren 76 Feb 22 2022 helloWorld.c
    kincherlo-warren@cis106:~/lab4files$ ls -lhSgG
  otal 6.5M

rw-rw-rr-1 2.5M Feb 22 2022 Linux.pdf

rw-rw-rr-1 2.1M Feb 22 2022 Ubuntu.pdf

rw-rw-r-1 1 747K Feb 22 2022 document.docx

rw-rw-rr-1 1 726K Feb 22 2022 globe.avi

rw-rw-r-1 1 276K Feb 22 2022 csvfile.csv

rw-rw-r-1 1 35K Feb 22 2022 website.html

rw-rw-r-1 1 42K Feb 22 2022 Tux.png

rw-rw-r-1 20K Feb 22 2022 countries.json

rw-rw-r-1 7 6 Feb 22 2022 sample.xls

rw-rw-r-1 7 6 Feb 22 2022 helloWorld.c

jkrincherlo-warren@cis106: ~/lab4files$ ls -lhSgGi

otal 6.5M
 otal 6.5M

$35335 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf

$35339 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf

$35334 -rw-rw-r-- 1 747K Feb 22 2022 document.docx

$35708 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi

$35341 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv

$36149 -rw-rw-r-- 1 135K Feb 22 2022 website.html
1835337 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
1835340 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
1836136 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
1835803 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
sjkincherlo-warren@cis106:~/lab4files$ ls -Xr
sample.xls Ubuntu.pdf countries.json document.docx helloWorld.c
                                                                         Linux.pdf
                                                                                                                                                 website.html
                                                                                                                                                                                                                                                      csvfile.csv
                                                                                                                                                                                                                                                                                                                                                     globe.avi
sjkincherlo-warren@cis106:~/lab4files$
```

## Question 4

```
sjkincherlo-warren@cis106: /usr/share
 jkincherlo-warren@cis106:~$ pwd
/home/sjkincherlo-warren
 sjkincherlo-warren@cis106:~$ cd usr/share/icons/default/
bash: cd: usr/share/icons/default/: No such file or directory sjkincherlo-warren@cis106:~$ cd usr/share/backgrounds/themes/fonts/icons/default bash: cd: usr/share/backgrounds/themes/fonts/icons/default: No such file or directory
sjkincherlo-warren@cis106:-$ cd /usr/share/icons/default/
sjkincherlo-warren@cis106:/usr/share/icons/default$ cd -
/home/sjkincherlo-warren
sjkincherlo-warren@cis106:-$ /proc/sys/net/ipv4/
bash: /proc/sys/net/ipv4/: Is a directory
sjkincherlo-warren@cis106:-$ cd /proc/sys/net/ipv4/
sjkincherlo-warren@cis106:/proc/sys/net/ipv4/
/home/sjkincherlo-warren
 sjkincherlo-warren@cis106:~$ cd /usr/share/backgrounds/
 jkincherlo-warren@cis106:/usr/share/backgrounds$ ls
 anvas_by_roytanck.jpg
Cherry_Tree_in_Lakones_by_elenastravoravdi.jpg
                                                                         Mirror_by_Uday_Nakade.jpg
Optical_Fibers_in_Dark_by_Elena_Stravoravdi.jpg
                                                                         ubuntu2_by_arman1992.jpg
 DSC2943_by_kcpru.jpg ubuntu
Jammy-Jellyfish_WP_4096x2304_Grey.png ubuntu
jj_dark_by_Hiking93.jpg warty-
sjkincherlo-warren@cis106:/usr/share/backgrounds$ cd -
                                                                         ubuntu_by_arman1992.jpg
                                                                         ubuntu-default-greyscale-wallpaper.png
                                                                         warty-final-ubuntu.png
/home/sjkincherlo-warren
sjkincherlo-warren@cis106:~$
sjkincherlo-warren@cis106:~$ /home/sjkincherlo-warren/cis106/
bash: /home/sjkincherlo-warren/cis106/: Is a directory
 sjkincherlo-warren@cis106:~$ cd /home/sjkincherlo-warren/cis106/
 sjkincherlo-warren@cis106:~/cis106$ ls
 sjkincherlo-warren@cis106:~/cis106$ cd -
/home/sjkincherlo-warren
sikincherlo-warren@cis106:~$ /home/sjkincherlo-warren/Downloads/
bash: /home/sjkincherlo-warren/Downloads/: Is a directory
sjkincherlo-warren@cis106:~$ cd /home/sjkincherlo-warren/Downloads/
sjkincherlo-warren@cis106:~/Downloads$ ls
 sjkincherlo-warren@cis106:~/Downloads$ cd -
/home/sjkincherlo-warren
 sjkincherlo-warren@cis106:~$ cd /dev/disk/by-id/
 jkincherlo-warren@cis106:/dev/disk/by-id$ ls -a
                                                          ata-VBOX_HARDDISK_VBf08e5faa-d394b888-part1
ata-VBOX_HARDDISK_VBf08e5faa-d394b888-part2
ata-VBOX_HARDDISK_VBf08e5faa-d394b888-part3
ata-VBOX_CD-ROM_VB2-01700376
ata-VBOX_HARDDISK_VBf08e5faa-d394b888
 sjkincherlo-warren@cis106:/dev/disk/by-id$ cd
/home/sjkincherlo-warren
 jkincherlo-warren@cis106:~$ cd /usr/share/themes/
 sjkincherlo-warren@cis106:/usr/share/themes$ ls -c
Adwaita Raleigh Yaru-blue-dark Yaru-magenta
```

F			sjkincherlo-warren@cis106: /usr/share
HighContrast Yaru-blue Yaru-hdpi Yaru-prussiangreen Yaru-red-dark Yaru-xhdpi sjkincherlo-warren@cis106:/usr/share/themes\$ cd - /home/sjkincherlo-warren@cis106:-\$ cd usr/share/ bash: cd: usr/share/: No such file or directory sjkincherlo-warren@cis106:-\$ cd /usr/share/ sjkincherlo-warren@cis106:-\$ cd /usr/share/ sjkincherlo-warren@cis106:/usr/share\$ ls -X			
accountsservice			
aclocal			
acpi-support			
adduser			
aisleriot			
alacarte			
alsa			
alsa-base			
alsa-card-profile			
appdata			
app-info			
applications			
apport			
apps			
apturl			
aspell			
avahi			
backgrounds			
base-files			
base-passwd			
bash-completion			
binfmts			
branding			
brltty			
bug			
build-essential			texlive
ca-certificates			texmf
E / 7			

catdoc gnome-todo menu thumbnailers
cmake gnome-tweaks mesa-demos tilix
code gnome-video-effects metainfo totem
cogl gnupg mfx tracker3
color grilo-plugins mime tracker3-miners
colord groff misc transmission
common-licenses grub mobile-broadband-provider-info ubuntu
consolefonts grub-gfxpayload-lists ModemManager ubuntu-drivers-common
console-setup gst-plugins-base mousetweaks ubuntu-release-upgrader
consoletrans gtk-doc mythes ubuntu-wayland
cowsay gtk-engines nano ucf
cups gtksourceview-4 nautilus ufw
dbus-1 guile nautilus-python unattended-upgrades
dconf gupnp-av nautilus-share unity
debconf gyfs nemo update-manager
debhelper help netpbm update-notifier
debianutils help-langpack nempy3 usb-creator
desktop-directories hunspell open-vm-tools usb\_modeswitch

# sjkincherlo-warren@cis106: /usr/share jkincherlo-warren@cis106:/usr/share\$

## Question 5

