

hi professor just reminding you about the situation i am in

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## Lab 4 The Linux File System

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### Question 1

```
yadir@yadirubuntu:~$ pwd
/home/yadir
yadir@yadirubuntu:~$ cd /usr/share/themes/
yadir@yadirubuntu:/usr/share/themes$ pwd
/usr/share/themes
yadir@yadirubuntu:/usr/share/themes$ cd /
yadir@yadirubuntu:/$ cd /snap/firefox/
yadir@yadirubuntu:/snap/firefox$
```

```
yadir@yadirubuntu:/snap/firefox$ cd
yadir@yadirubuntu:~$ cd Downloads/
yadir@yadirubuntu:~/Downloads$ cd ../../
yadir@yadirubuntu:/home$ pwd
/home
yadir@yadirubuntu:/home$ cd yadir/Documents/
yadir@yadirubuntu:~/Documents$
```

### Question 2

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

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

```
yadir@yadirubuntu:~/lab4files$ ls -lhSgGi
total 6.5M
5900173 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
5900175 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
5900178 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
5900179 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
5900177 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
5900182 -rw-rw-r-- 1 135K Feb 22 2022 website.html
5900174 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
5900176 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
5900181 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
5900180 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
yadir@yadirubuntu:~/lab4files$ ls -Xr
sample.xls Tux.png Ubuntu.pdf Linux.pdf countries.json website.html document.docx csvfile.csv helloWorld.c globe.avi
```

## Question 4

```

yadir@yadirubuntu:~$ pwd
/home/yadir
yadir@yadirubuntu:~$ cd /usr/share/icons/default
yadir@yadirubuntu:~$ cd /usr/share/icons/default$ cd /proc/sys/net/ipv4
yadir@yadirubuntu:~$ cd -
/usr/share/icons/default
yadir@yadirubuntu:~$ ls /usr/share/backgrounds
Blue_flower_by_Elena_Stravoravdi.jpg      Jammy-Jellyfish_WP_4096x2304_Grey.png      ubuntu2_by_arman1992.jpg
canvas_by_roytanck.jpg                    jj_dark_by_Hiking93.jpg                    ubuntu_by_arman1992.jpg
Cherry_Tree_in_Lakones_by_elenastravoravdi.jpg  jj_light_by_Hiking93.jpg                    ubuntu-default-greyscale-wallpaper.png
contest                                    Mirror_by_Uday_Nakade.jpg                    warty-final-ubuntu.png
DSC2943_by_kcpru.jpg                      Optical_Fibers_in_Dark_by_Elena_Stravoravdi.jpg
yadir@yadirubuntu:~$ ls -a /home/yadir/cis106
. . . cheatsheets .git labs weekReports
yadir@yadirubuntu:~$ cd /home
yadir@yadirubuntu:~$ ls -a /home/yadir/Downloads
. .
code_1.83.0-1696350811_amd64.deb      'Linux Workshop Ubuntu Software installation cheat sheet(1).png'
games                                  randomfiles                                zoom_amd64.deb
yadir@yadirubuntu:~$ cd /dev/disk/by-id
yadir@yadirubuntu:~$ ls -l
total 0
lrwxrwxrwx 1 root root 9 Oct 30 20:23 ata-SATA_SSD_23020210240206 -> ../../sda
lrwxrwxrwx 1 root root 10 Oct 30 20:23 ata-SATA_SSD_23020210240206-part1 -> ../../sda1
lrwxrwxrwx 1 root root 10 Oct 30 20:23 ata-SATA_SSD_23020210240206-part2 -> ../../sda2
lrwxrwxrwx 1 root root 10 Oct 30 20:23 ata-SATA_SSD_23020210240206-part3 -> ../../sda3
lrwxrwxrwx 1 root root 10 Oct 30 20:23 ata-SATA_SSD_23020210240206-part4 -> ../../sda4
lrwxrwxrwx 1 root root 10 Oct 30 20:23 ata-SATA_SSD_23020210240206-part5 -> ../../sda5

```

```

yadir@yadirubuntu:~$ ls -l /usr/share/themes
total 120
drwxr-xr-x 4 root root 4096 Oct 4 17:27 Adwaita
drwxr-xr-x 4 root root 4096 Oct 4 17:27 Adwaita-dark
drwxr-xr-x 4 root root 4096 Oct 4 17:27 Default
drwxr-xr-x 4 root root 4096 Oct 4 17:27 Emacs
drwxr-xr-x 4 root root 4096 Oct 4 17:27 HighContrast
drwxr-xr-x 3 root root 4096 Oct 4 17:27 Raleigh
drwxr-xr-x 7 root root 4096 Oct 4 17:27 Yaru
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-bark
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-bark-dark
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-blue
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-blue-dark
drwxr-xr-x 7 root root 4096 Oct 4 17:27 Yaru-dark
drwxr-xr-x 3 root root 4096 Oct 4 17:27 Yaru-dark-hdpi
drwxr-xr-x 3 root root 4096 Oct 4 17:27 Yaru-dark-xhdpi
drwxr-xr-x 3 root root 4096 Oct 4 17:27 Yaru-hdpi
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-magenta
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-magenta-dark
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-olive
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-olive-dark
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-prussiangreen
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-prussiangreen-dark
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-purple
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-purple-dark
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-red
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-red-dark
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-sage
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-sage-dark
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-viridian
drwxr-xr-x 5 root root 4096 Oct 4 17:27 Yaru-viridian-dark
drwxr-xr-x 3 root root 4096 Oct 4 17:27 Yaru-xhdpi

```

```
yadir@yadirubuntu:/dev/disk/by-id$ ls -X /usr/share
accountsservice      ffmpeg              hwddata             mime                 speech-dispatcher
aclocal              figlet              hyphen              misc                 ssl-cert
acpi-support         file                i18n                 mobile-broadband-provider-info  system-config-printer
adduser              file-roller         ibus                 ModemManager         systemd
alsasleriot          fish                ibus-table           mousetweaks          systemtap
alacarte              flameshot            icons                mythes               tabset
alsa                 flatpak             im-config            nautilus              tcltk
alsa-base            fontconfig           indicator-application  nautilus-python      terminfo
alsa-card-profile    fonts               indicator-power       nautilus-share        tex-common
appdata              fonts-droid-fallback  indicators            nemo                  texlive
app-info             fonts-sil-abyssinica  info                 netpbm                texmf
applications         fonts-sil-padauk     initramfs-tools      netplan               themes
appport             foo2qpd1            installed-tests      nmap                  thumbnailed
apps                 foo2zjs              ipp-usb              numpy3                tilix
apturl               gamemode            iptables             openal                totem
aspell               games               iso-codes             openvpn               tracker3
avahi                 gcc                 java                  orca                  tracker3-miners
backgrounds          GConf               javascript            os-prober              transmission
balsa                Gdb                 kconf_update          p11-kit               ubuntu
base-files           gdb                 kde4                  package-data-downloads  ubuntu-drivers-common
base-passwd          gdm                 keyrings              PackageKit             ubuntu-release-upgrader
bash-completion      geany               knotifications5       pam                    ubuntu-wayland
binfmts              GeoIP               kservices5            perl                   ucf
branding              gettext             kserviceTypes5        perl5                  ufw
brltty               ghostscript          language-selector     perl-openssl-defaults  unattended-upgrades
bug                  git-core            language-support      pipewire               unity
ca-certificates      gitweb              language-tools        pixmaps                update-manager
caffeine-indicator   glade               libcaca               plymouth               update-notifier
catdoc               glvnd               libcbi                pnm2ppa               upstart
chake                 gnome                libdebuginfod-common  pocketsphinx           usb-creator
code                  gnome-applets        libdri                polkit-1               usb_modeswitch
cogl                  gnome-background-properties  libdrm                poppler                vala
color                 gnome-bluetooth      libb2                  poppler                vlm
colord                 gnome-control-center  libb2textcat          ppp                    vlc
common-licenses       gnome-initial-setup   libb2xml               ppp                     vulkan
consolefonts          gnome-logs            libb2weather           ppp                     w3m
console-setup         gnome-mahjongg        libb2weather-4         pulseaudio              wayland-sessions
consoletrans          gnome-panel           libb2xml               pyshared                X11
cowsay                 gnome-remote-desktop  libb2xml               python3                  xapps-common
cups                  gnome-session         libb2xml               python-apt                xdg-desktop-portal
dbus-1                 gnome-settings-daemon  libb2xml               qlogging-categories5    xml
dconf                  gnome-shell           libb2xml               qt5                      xml-core
debconf               gnome-software        libb2xml               readline                 xsessions
debhelper             gnome-system-monitor  libb2xml               remmina                  yelp
debianutils           gnome-todo            libb2xml               rhythmbox                 yelp-xsl
defaults              gnome-tweaks          libb2xml               rig                       zenity
desktop-directories   gnome-video-effects   libb2xml               rsync                     zoneinfo
dict                  gnupg                libb2xml               rsyslog                   zoneinfo-icu
dictionaries-common   grilo-plugins         libb2xml               rubygems-integration     zsh
distro-info            groff                 libb2xml               rygel                     gir-1.0
djvu                   grub                 libb2xml               samba                     glib-2.0
dns                    grub-gfxpayload-lists  libb2xml               seahorse                  gnome-bluetooth-3.0
dnsmasq-base          gtk-doc               libb2xml               session-migration         goa-1.0
doc                    gtk-engines           libb2xml               sensible-utils            gstreamer-1.0
doc-base              gtksourceview-4       libb2xml               session-migration         gtk-4.0
dpkg                   guile                 libb2xml               sgml                      gtksourceview-3.0
emacs                  gupnp-av              libb2xml               sgml-base                 gupnp-dlna-2.0
emacs-common           gvfs                  libb2xml               sgml-data                 org.gnome.Characters
enchant-2              help                  libb2xml               snmp                      drirc.d
eog                    help-langpack         libb2xml               software-properties       solid
epiphany-browser       hplip                 libb2xml               sounds                     source-highlight
evince                  hunspell              libb2xml               source-highlight
evolution-data-server  hunspell              libb2xml               source-highlight
```

## Question 5

```
yadir@yadirubuntu:/dev/disk/by-id$ cd /home
yadir@yadirubuntu:/home$ cd /home/yadir
yadir@yadirubuntu:~$ cd Downloads
yadir@yadirubuntu:~/Downloads$ pwd
/home/yadir/Downloads
yadir@yadirubuntu:~/Downloads$
```

```
yadir@yadirubuntu:~/Downloads$ cd /usr/share/themes/Adwaita
yadir@yadirubuntu:/usr/share/themes/Adwaita$ cd /home/yadir/Documents
yadir@yadirubuntu:~/Documents$ pwd
/home/yadir/Documents
yadir@yadirubuntu:~/Documents$
```