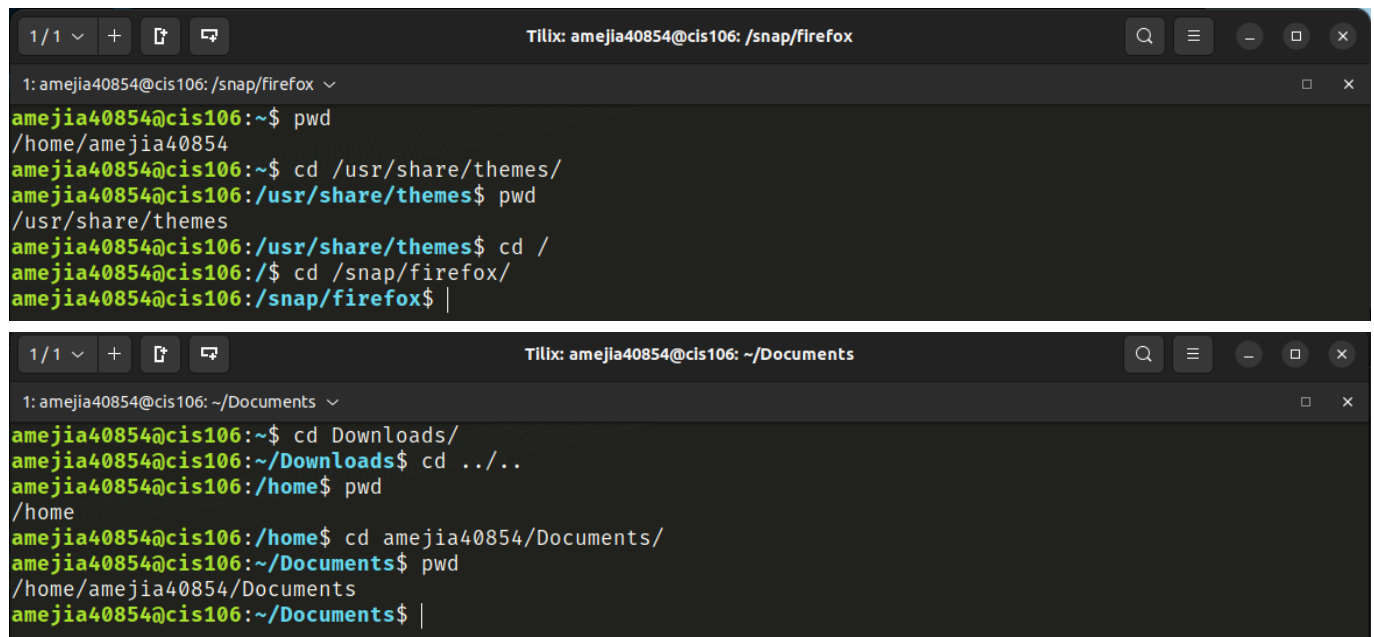


# Lab 4 The Linux File System

---

## Question 1



The image shows two screenshots of a terminal window. The top screenshot shows a user navigating from their home directory to /usr/share/themes and then to /snap/firefox. The bottom screenshot shows a user navigating from their home directory to ~/Downloads, then to ../.. (which is /home), and finally to ~/Documents.

```
1/1 v + [ ] [ ] Tilix: amejia40854@cis106: /snap/firefox
1: amejia40854@cis106: /snap/firefox v
amejia40854@cis106:~$ pwd
/home/amejia40854
amejia40854@cis106:~$ cd /usr/share/themes/
amejia40854@cis106:/usr/share/themes$ pwd
/usr/share/themes
amejia40854@cis106:/usr/share/themes$ cd /
amejia40854@cis106:/$ cd /snap/firefox/
amejia40854@cis106:/snap/firefox$ |

1/1 v + [ ] [ ] Tilix: amejia40854@cis106: ~/Documents
1: amejia40854@cis106: ~/Documents v
amejia40854@cis106:~$ cd Downloads/
amejia40854@cis106:~/Downloads$ cd ../../
amejia40854@cis106:/home$ pwd
/home
amejia40854@cis106:/home$ cd amejia40854/Documents/
amejia40854@cis106:~/Documents$ pwd
/home/amejia40854/Documents
amejia40854@cis106:~/Documents$ |
```

## Question 2

```

1/1  +  [ ]  [ ]  Tilix: amejia40854@cis106: ~/lab4files
1: amejia40854@cis106: ~/lab4files  v

amejia40854@cis106:~$ cd /usr/share
amejia40854@cis106:/usr/share$ ls /home/amejia40854/lab4files/
countries.json  document.docx  helloWorld.c  sample.xls  Ubuntu.pdf
csvfile.csv    globe.avi      Linux.pdf     Tux.png     website.html
amejia40854@cis106:/usr/share$ cd ~/lab4files/; ls -lh
total 6.5M
-rw-rw-r-- 1 amejia40854 amejia40854 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 amejia40854 amejia40854 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 amejia40854 amejia40854 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 amejia40854 amejia40854 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 amejia40854 amejia40854 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 amejia40854 amejia40854 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 amejia40854 amejia40854 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 amejia40854 amejia40854 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 amejia40854 amejia40854 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 amejia40854 amejia40854 135K Feb 22 2022 website.html
amejia40854@cis106:~/lab4files$ ls -lhS
total 6.5M
-rw-rw-r-- 1 amejia40854 amejia40854 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 amejia40854 amejia40854 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 amejia40854 amejia40854 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 amejia40854 amejia40854 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 amejia40854 amejia40854 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 amejia40854 amejia40854 135K Feb 22 2022 website.html
-rw-rw-r-- 1 amejia40854 amejia40854 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 amejia40854 amejia40854 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 amejia40854 amejia40854 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 amejia40854 amejia40854 76 Feb 22 2022 helloWorld.c
amejia40854@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

amejia40854@cis106:~/lab4files$ ls -lhSgGi
total 6.5M
2123108 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
2123111 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
2123114 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
2123115 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
2123113 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
2123118 -rw-rw-r-- 1 135K Feb 22 2022 website.html
2123110 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
2123112 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
2123117 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
2123116 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
amejia40854@cis106:~/lab4files$ ls -Xr

```

```
amejia40854@cis106:~/lab4files$ ls  
sample.xls  countries.json  helloWorld.c  
Tux.png    website.html   globe.avi  
Ubuntu.pdf document.docx  
Linux.pdf  csvfile.csv  
amejia40854@cis106:~/lab4files$ |
```

### Question 3

```

1 / 1  +  [ ]  [ ]  Tilix: amejia40854@cis106: ~/Downl

1: amejia40854@cis106: ~/Downloads  v

amejia40854@cis106:~$ cd /etc
amejia40854@cis106:/etc$ tree ~/cis106/labs/lab4
/home/amejia40854/cis106/labs/lab4
├── lab4.md
├── q1.1.png
├── q1.2.png
├── q2.1.png
└── q2.2.png

0 directories, 5 files
amejia40854@cis106:/etc$ cd ~/Downloads/
amejia40854@cis106:~/Downloads$ tree -fph ~/cis106/labs/lab4
[drwxrwxr-x 4.0K] /home/amejia40854/cis106/labs/lab4
├── [-rw-rw-r-- 270] /home/amejia40854/cis106/labs/lab4/lab4.md
├── [-rw-rw-r-- 71K] /home/amejia40854/cis106/labs/lab4/q1.1.png
├── [-rw-rw-r-- 73K] /home/amejia40854/cis106/labs/lab4/q1.2.png
├── [-rw-rw-r-- 282K] /home/amejia40854/cis106/labs/lab4/q2.1.png
└── [-rw-rw-r-- 116K] /home/amejia40854/cis106/labs/lab4/q2.2.png

0 directories, 5 files
amejia40854@cis106:~/Downloads$ tree -tg ~/cis106/labs/lab4
[amejia40854] /home/amejia40854/cis106/labs/lab4
├── [amejia40854] q1.1.png
├── [amejia40854] q1.2.png
├── [amejia40854] q2.1.png
├── [amejia40854] q2.2.png
└── [amejia40854] lab4.md

0 directories, 5 files
amejia40854@cis106:~/Downloads$ tree -tug ~/cis106/labs/lab4
[amejia40854 amejia40854] /home/amejia40854/cis106/labs/lab4
├── [amejia40854 amejia40854] q1.1.png
├── [amejia40854 amejia40854] q1.2.png
├── [amejia40854 amejia40854] q2.1.png
├── [amejia40854 amejia40854] q2.2.png
└── [amejia40854 amejia40854] lab4.md

```

```

1 / 1  +  [ ]  [ ]  Tilix: amejia40854@cis106: ~/Downloads

1: amejia40854@cis106: ~/Downloads  v

0 directories, 5 files
amejia40854@cis106:~/Downloads$ exa --help
Command 'exa' not found, but can be installed with:
sudo apt install exa
amejia40854@cis106:~/Downloads$ exa --help
Usage:
  exa [options] [files...]

META OPTIONS
  -?, --help          show list of command-line options
  -v, --version        show version of exa

DISPLAY OPTIONS
  -1, --oneline        display one entry per line

```

```
-l, --long          display extended file metadata as a table
-G, --grid          display entries as a grid (default)
-x, --across        sort the grid across, rather than downwards
-R, --recurse       recurse into directories
-T, --tree          recurse into directories as a tree      > sudo |
-F, --classify      display type indicator by file names
--colo[u]r=WHEN    when to use terminal colours (always, auto, never)
--colo[u]r-scale    highlight levels of file sizes distinctly
--icons            display icons
--no-icons          don't display icons (always overrides --icons)

FILTERING AND SORTING OPTIONS
-a, --all           show hidden and 'dot' files
-d, --list-dirs     list directories as files; don't list their contents
-L, --level DEPTH   limit the depth of recursion
-r, --reverse       reverse the sort order
-s, --sort SORT_FIELD which field to sort by
--group-directories-first list directories before other files
-D, --only-dirs     list only directories
-I, --ignore-glob GLOBS glob patterns (pipe-separated) of files to ignore
Valid sort fields:  name, Name, extension, Extension, size, type,
                   modified, accessed, created, inode, and none.
                   date, time, old, and new all refer to modified.
```



```

1/1  +  [ ]  [ ]  Tilix: amejia40854@cis106: ~/Downloads
1: amejia40854@cis106: ~/Downloads
-b, --binary          list file sizes with binary prefixes
-B, --bytes           list file sizes in bytes, without any prefixes
-g, --group           list each file's group
-h, --header          add a header row to each column
-H, --links           list each file's number of hard links
-i, --inode           list each file's inode number
-m, --modified        use the modified timestamp field
-n, --numeric         list numeric user and group IDs
-S, --blocks          show number of file system blocks
-t, --time FIELD      which timestamp field to list (modified, accessed, created)
-u, --accessed        use the accessed timestamp field
-U, --created         use the created timestamp field
--changed             use the changed timestamp field
--time-style          how to format timestamps (default, iso, long-iso, full-iso)
--no-permissions      suppress the permissions field
--octal-permissions  list each file's permission in octal format
--no-filesize         suppress the filesize field
--no-user             suppress the user field
--no-time             suppress the time field
-@, --extended        list each file's extended attributes and sizes
amejia40854@cis106:~/Downloads$ exa -l ~/cis106/labs/lab4
.rw-rw-r-- 270 amejia40854 18 Oct 21:54 lab4.md
.rw-rw-r-- 73k amejia40854 18 Oct 21:34 q1.1.png
.rw-rw-r-- 75k amejia40854 18 Oct 21:36 q1.2.png
.rw-rw-r-- 289k amejia40854 18 Oct 21:51 q2.1.png
.rw-rw-r-- 119k amejia40854 18 Oct 21:52 q2.2.png
amejia40854@cis106:~/Downloads$ exa -lh ~/cis106/labs/lab4
Permissions Size User      Date Modified Name
.rw-rw-r-- 270 amejia40854 18 Oct 21:54 lab4.md
.rw-rw-r-- 73k amejia40854 18 Oct 21:34 q1.1.png
.rw-rw-r-- 75k amejia40854 18 Oct 21:36 q1.2.png
.rw-rw-r-- 289k amejia40854 18 Oct 21:51 q2.1.png
.rw-rw-r-- 119k amejia40854 18 Oct 21:52 q2.2.png
amejia40854@cis106:~/Downloads$ exa -lhU --no-user ~/cis106/labs/lab4
Permissions Size Date Created Name
.rw-rw-r-- 270 18 Oct 21:24 lab4.md
.rw-rw-r-- 73k 18 Oct 21:34 q1.1.png
.rw-rw-r-- 75k 18 Oct 21:36 q1.2.png
.rw-rw-r-- 289k 18 Oct 21:51 q2.1.png
.rw-rw-r-- 119k 18 Oct 21:52 q2.2.png
amejia40854@cis106:~/Downloads$ |

```

## Question 4

```

1 / 1  +  [ ]  [ ]  Tilix: amejia40854@cis106:

1: amejia40854@cis106: /dev/disk/by-id  v

amejia40854@cis106:~$ pwd
/home/amejia40854
amejia40854@cis106:~$ cd /usr/share/icons/default/
amejia40854@cis106:/usr/share/icons/default$ cd /proc/sys/net/ipv4
amejia40854@cis106:/proc/sys/net/ipv4$ cd -
/usr/share/icons/default
amejia40854@cis106:/usr/share/icons/default$ 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
amejia40854@cis106:/usr/share/icons/default$ ls ~/cis106/
cheatSheets  labs  weekReports
amejia40854@cis106:/usr/share/icons/default$ cd /home
amejia40854@cis106:/home$ ls amejia40854/Downloads/
lab4files.zip
amejia40854@cis106:/home$ cd /dev/disk/by-id

```

```

1 / 1  +  [ ]  [ ]  Tilix: amejia40854@cis106: /dev/disk/by-id

1: amejia40854@cis106: /dev/disk/by-id  v

amejia40854@cis106:/dev/disk/by-id$ ls -la ~
total 208
-rw-r--r--  1 amejia40854 amejia40854 19471 Oct 18 22:03 '$\033'
drwxr-x--- 25 amejia40854 amejia40854  4096 Oct 18 22:35 .
drwxr-xr-x  3 root      root      4096 Sep 22 19:05 ..
-rw-----  1 amejia40854 amejia40854  9947 Oct 18 22:38 .bash_history
-rw-r--r--  1 amejia40854 amejia40854   220 Sep 22 19:05 .bash_logout
-rw-r--r--  1 amejia40854 amejia40854  3771 Sep 22 19:05 .bashrc
drwx----- 21 amejia40854 amejia40854  4096 Oct  9 01:08 .cache
drwxrwxr-x  6 amejia40854 amejia40854  4096 Oct  5 12:25 cis106
-rw-rw-r--  1 amejia40854 amejia40854  3520 Oct  5 17:56 .cis106.png
drwx-----  9 amejia40854 amejia40854  4096 Oct  9 01:06 .claws-mail
drwx----- 25 amejia40854 amejia40854  4096 Oct  9 17:30 .config
drwxr-xr-x  2 amejia40854 amejia40854  4096 Oct  5 17:58 Desktop
drwxr-xr-x  4 amejia40854 amejia40854  4096 Oct 18 18:58 Documents
drwxrwxr-x  3 amejia40854 amejia40854  4096 Sep 26 22:49 .dotnet
drwxrwxr-x  2 amejia40854 amejia40854  4096 Oct 18 21:39 Downloads
drwxrwxr-x  2 amejia40854 amejia40854 12288 Oct  9 00:30 .fonts
-rw-rw-r--  1 amejia40854 amejia40854    97 Sep 26 23:48 gitcommands.txt
-rw-rw-r--  1 amejia40854 amejia40854    89 Sep 26 23:37 .gitconfig sudo |
drwx-----  2 amejia40854 amejia40854  4096 Oct  9 00:10 .gnupg
drwxrwxr-x  2 amejia40854 amejia40854  4096 Feb 22 2022 lab4files
-rw-----  1 amejia40854 amejia40854   341 Oct 18 22:35 .lessht
drwx-----  4 amejia40854 amejia40854  4096 Sep 26 23:53 .local
drwx-----  7 amejia40854 amejia40854  4096 Oct  9 01:06 Mail
drwxr-xr-x  2 amejia40854 amejia40854  4096 Oct 18 18:58 Music
-rw-r--r--  1 amejia40854 amejia40854 19471 Oct 18 22:02 permission
drwxr-xr-x  2 amejia40854 amejia40854  4096 Oct  9 00:33 Pictures

```

```

drwx----- 3 amejia40854 amejia40854 4096 Sep 26 22:49 .pki
drwxrwxr-x 2 amejia40854 amejia40854 4096 Feb 27 2022 practicels
-rw-r--r-- 1 amejia40854 amejia40854 807 Sep 22 19:05 .profile
drwxr-xr-x 2 amejia40854 amejia40854 4096 Sep 22 19:09 Public
-rw----- 1 amejia40854 amejia40854 90 Sep 27 18:20 .python_history
drwx----- 5 amejia40854 amejia40854 4096 Sep 26 22:43 snap
drwx----- 2 amejia40854 amejia40854 4096 Sep 26 23:15 .ssh
-rw-r--r-- 1 amejia40854 amejia40854 0 Sep 26 22:32 .sudo_as_admin_successful
drwxr-xr-x 2 amejia40854 amejia40854 4096 Sep 22 19:09 Templates
-rw-r----- 1 amejia40854 amejia40854 5 Oct 18 17:59 .vboxclient-clipboard.pid
-rw-r----- 1 amejia40854 amejia40854 5 Oct 18 17:59 .vboxclient-draganddrop.pid
-rw-r----- 1 amejia40854 amejia40854 5 Oct 18 17:59 .vboxclient-seamless.pid
-rw-r----- 1 amejia40854 amejia40854 6 Oct 18 17:59 .vboxclient-vmsvga-session-tty2.pid
drwxr-xr-x 2 amejia40854 amejia40854 4096 Sep 22 19:09 Videos

```



```

1 / 1  +  [ ]  [ ]  Tilix: amejia40854@cis106
1: amejia40854@cis106: /dev/disk/by-id  v
amejia40854@cis106:/dev/disk/by-id$ ls -t /usr/share/themes/
Yaru          Yaru-magenta-dark    Yaru-sage-dark
Yaru-bark     Yaru-olive           Yaru-viridian
Yaru-bark-dark Yaru-olive-dark      Yaru-viridian-dark
Yaru-blue     Yaru-prussiangreen   Yaru-xhdp
Yaru-blue-dark Yaru-prussiangreen-dark Default
Yaru-dark     Yaru-purple          Emacs
Yaru-dark-hdpi Yaru-purple-dark     Raleigh
Yaru-dark-xhdp Yaru-red             Adwaita
Yaru-hdpi     Yaru-red-dark        Adwaita-dark
Yaru-magenta  Yaru-sage            HighContrast
amejia40854@cis106:/dev/disk/by-id$ ls -X /usr/share/
accounts                libdebuginfod-common
accountsservice         libdrm
aclocal                 libexttextcat
acpi-support            libgnomekbd
adduser                 libgweather
aisleriot               libgweather-4
alacarte               libinput
alsa                   liblangtag
alsa-base              liblouis
alsa-card-profile      liblouisutdm
appdata                libmysofa
app-info               libreoffice
applications           libvenge
appport                libthai
apps                   libwacom
apturl                 lightdm
aspell                 lintian
avahi                  linux-sound-base
backgrounds            locale
base-files             locale-langpack
base-passwd            locales
bash-completion        lolypop
binfmts                lto-disabled-list
branding                m2300w
brltty                 man
bug                     man-db
build-essential        mate-panel
ca-certificates        maven-repo
caffeine-indicator     media-player-info
catdoc                 menu

```

```
1 / 1  +  [ ]  [ ]  Tilix: amejia4054

1: amejia40854@cis106: /dev/disk/by-id  v

cmake
code
cogl
color
colord
common-licenses
consolefonts
console-setup
consoletrans
contractor
cowsay
cups
dbus-1
dconf
debconf
debhelper
debianutils
deepin
defaults
desktop-directories
dict
dictionaries-common
distro-info
djvu
dns
dnsmasq-base
doc
doc-base
dpkg
emacs
emacsens-common
enchant-2
eog
evince
evolution-data-server
falkon
ffmpeg
figlet
file
file-roller
fish
flameshot
mesa-demos
metainfo
mfx
mime
misc
mobile-broadband-provider-info
ModemManager
mousetweaks
mythes
nano
nautilus
nautilus-python
nautilus-share
nemo
netpbm
netplan
numpy3
openal
open-vm-tools
openvpn
orca
os-prober
p11-kit
package-data-downloads
PackageKit
pam
pam-configs
perl
perl5
perl-openssl-defaults
pipewire
pixmap
pkgconfig
plasma
plymouth
pnm2ppa
pocketsphinx
polkit-1
poppler
ppd
ppp
publicsuffix
```

```
1 / 1  +  [ ]  [ ]  Tilix: amejia408

1: amejia40854@cis106: /dev/disk/by-id  v

flatpak
fontconfig
fonts
fonts-droid-fallback
fonts-sil-abyssinica
fonts-sil-padauk
foo2qpdf
foo2zjs
fwupd
gamemode
games
gcc
GConf
gdb
gdm
geany
gedit
GeoIP
gettext
ghostscript
git-core
gitweb
glade
glvnd
gnome
gnome-applets
gnome-background-properties
gnome-bluetooth
gnome-control-center
gnome-initial-setup
gnome-logs
gnome-mahjongg
gnome-panel
gnome-remote-desktop
gnome-session
gnome-settings-daemon
gnome-shell
gnome-software
gnome-system-monitor
gnome-todo
gnome-tweaks
gnome-video-effects
pulseaudio
purpose
pyshared
python3
python-apt
qlogging-categories5
qt5
readline
remmina
rhythmbox
rig
rsync
rsyslog
rubygems-integration
rygel
samba
seahorse
secureboot
sensible-utils
session-migration
sgml
sgml-base
sgml-data
snmp
software-properties
solid
sounds
source-highlight
speech-dispatcher
ssl-cert
system-config-printer
systemd
systemtap
tabset
tcltk
terminfo
tex-common
texlive
texmf
themes
thumbnaillers
Thunar
```

```
1 / 1  +  [ ]  [ ]  Tilix: am
1: amejia40854@cis106: /dev/disk/by-id  v
gnupg          tilix
grilo-plugins  totem
groff          tracker3
grub           tracker3-miners
grub-gfxpayload-lists  transmission
gst-plugins-base  ubuntu
gtk-doc        ubuntu-drivers-common
gtk-engines    ubuntu-release-upgrader
gtksourceview-4  ubuntu-wayland
gupnp-av       ucf
gvfs           ufw
help           unattended-upgrades
help-langpack  unity
hplip          update-manager
hunspell       update-notifier
hwdata         upstart
hyphen         usb-creator
i18n           usb_modeswitch
ibus           vala
ibus-table     vim
icons          vlc
ImageMagick-6  vulkan
im-config      w3m
indicator-application  wayland-sessions
indicator-power  X11
indicators     xapps-common
info           xdg-desktop-portal
initramfs-tools  xml
installed-tests  xml-core
ipp-usb         xsessions
iptables       yelp
iso-codes      yelp-xsl
java           zenity
javascript     zoneinfo
kconf_update   zoneinfo-icu
kde4           zsh
kdeconnect     gir-1.0
keyrings       glib-2.0
kf5            gnome-bluetooth-3.0
knotifications5  goa-1.0
kpackage       gstreamer-1.0
krunner        gtk-4.0
```

```
kservices5          gtksourceview-2.0
kservicetypes5      gtksourceview-3.0
language-selector    gupnp-dlna-2.0
language-support     org.gnome.Characters
language-tools       drirc.d
libcaca              config.kcfg
libc-bin
amejia40854@cis106:/dev/disk/by-id$ |
```

## Question 5

```
1/1  +  [ ]  [ ]  Tilix: amejia40854@cis106: ~/Downloads
1: amejia40854@cis106: ~/Downloads
amejia40854@cis106:~$ cd /
amejia40854@cis106:/$ cd home/
amejia40854@cis106:/home$ cd amejia40854/
amejia40854@cis106:~$ cd Downloads/
amejia40854@cis106:~/Downloads$ pwd
/home/amejia40854/Downloads
amejia40854@cis106:~/Downloads$ |
```

```
1/1  +  [ ]  [ ]  Tilix: amejia40854@cis106: ~/Documents
1: amejia40854@cis106: ~/Documents
amejia40854@cis106:~/Downloads$ cd /usr/share/themes/Adwaita
amejia40854@cis106:/usr/share/themes/Adwaita$ cd ~/Documents/
amejia40854@cis106:~/Documents$ pwd
/home/amejia40854/Documents
amejia40854@cis106:~/Documents$ |
```