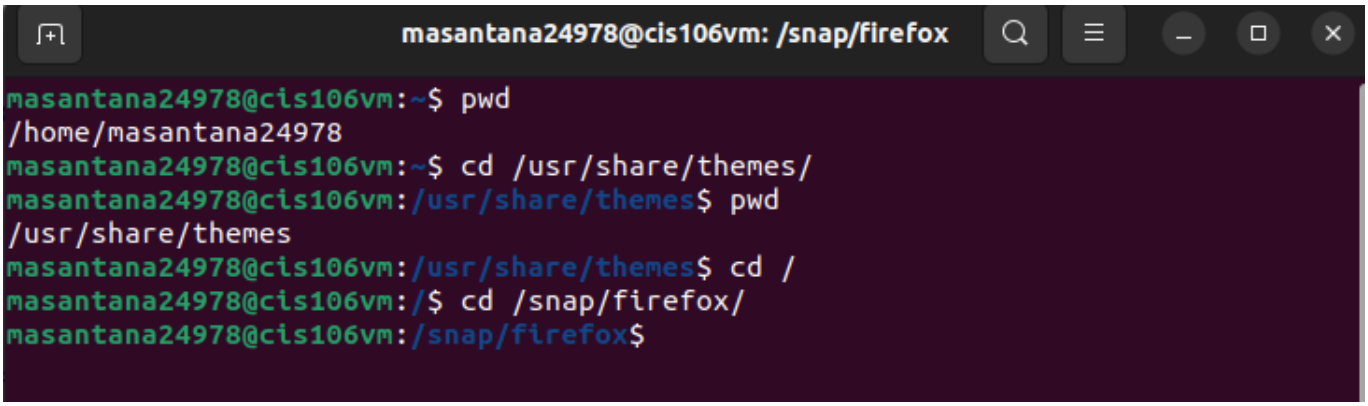
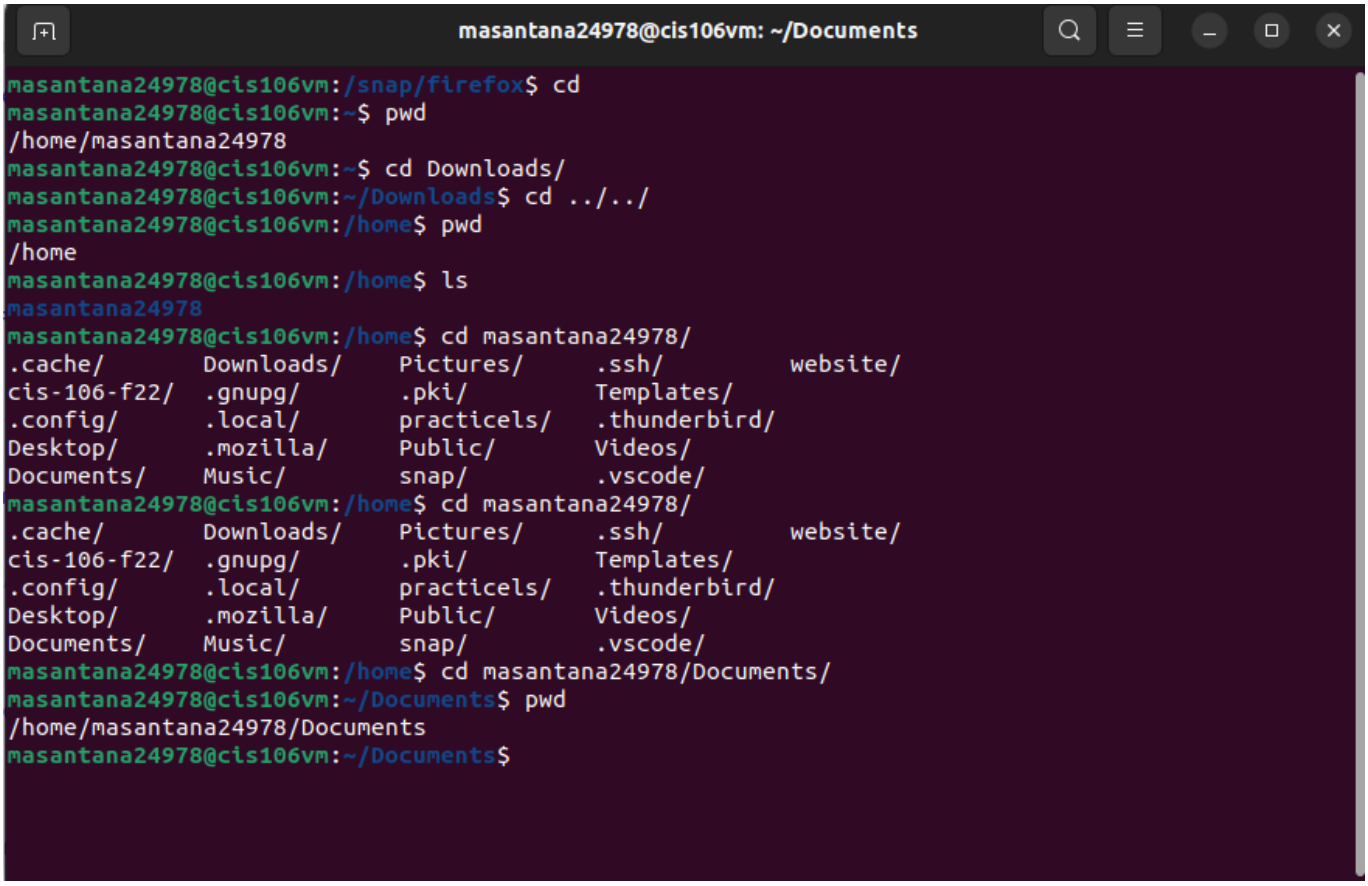
Lab 4 Submission

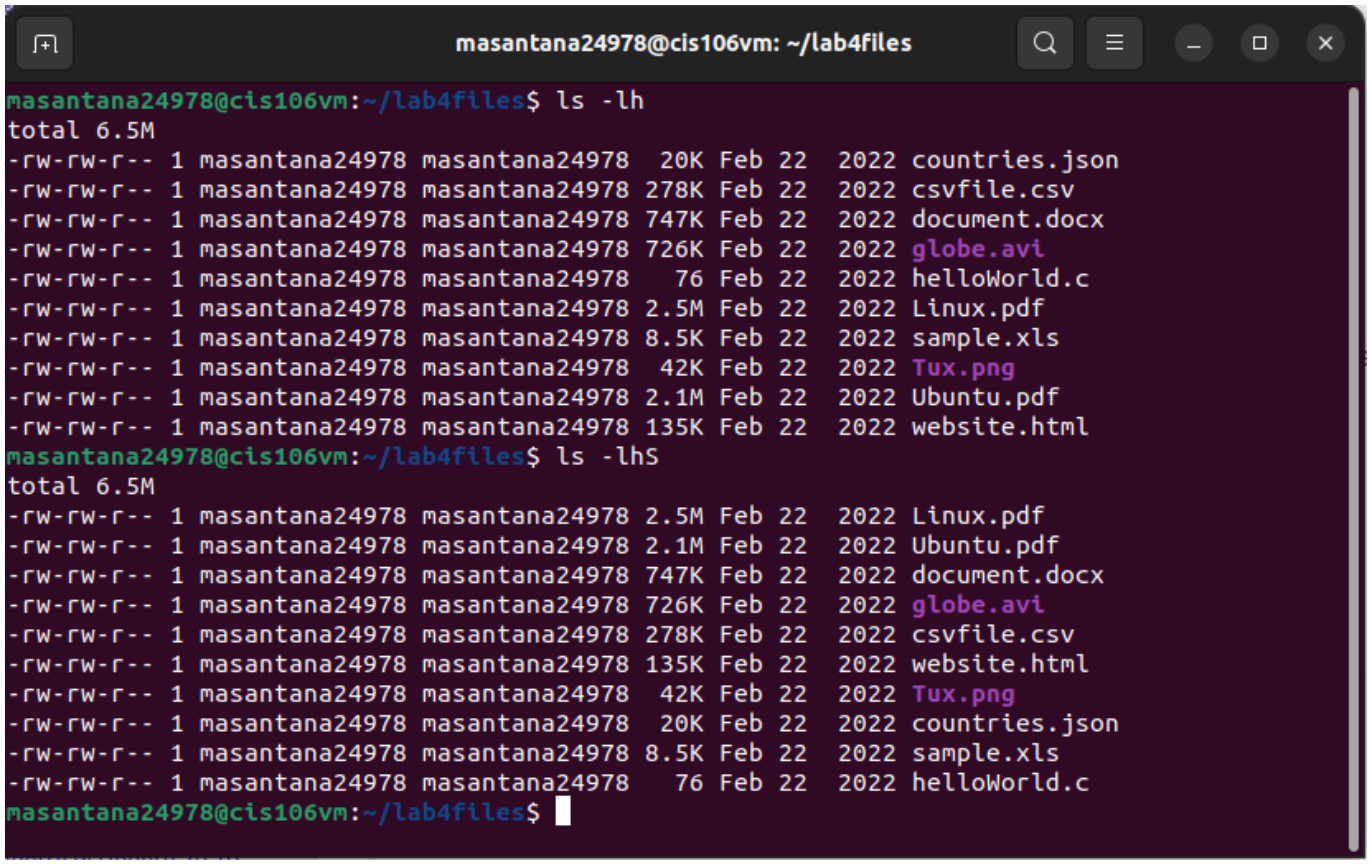
Question 1

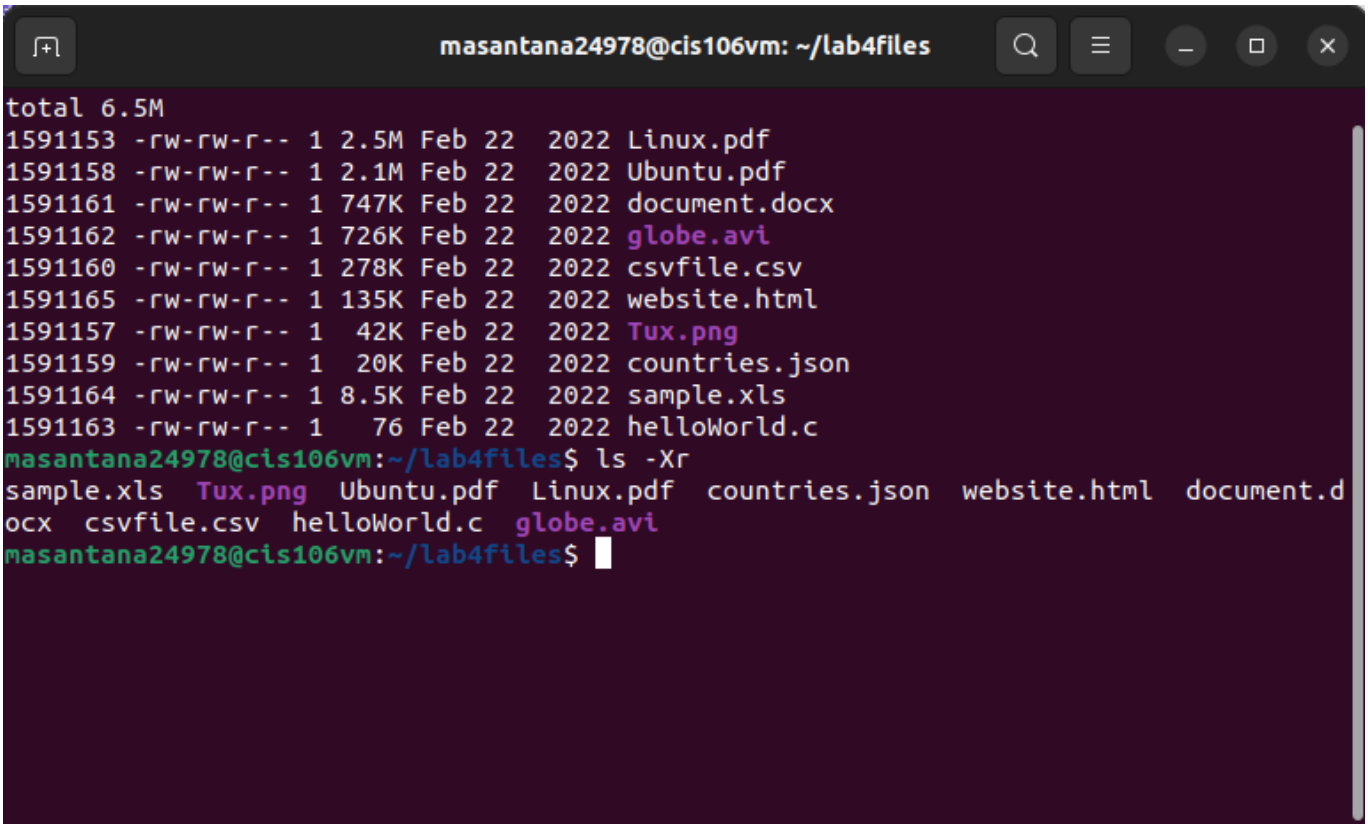




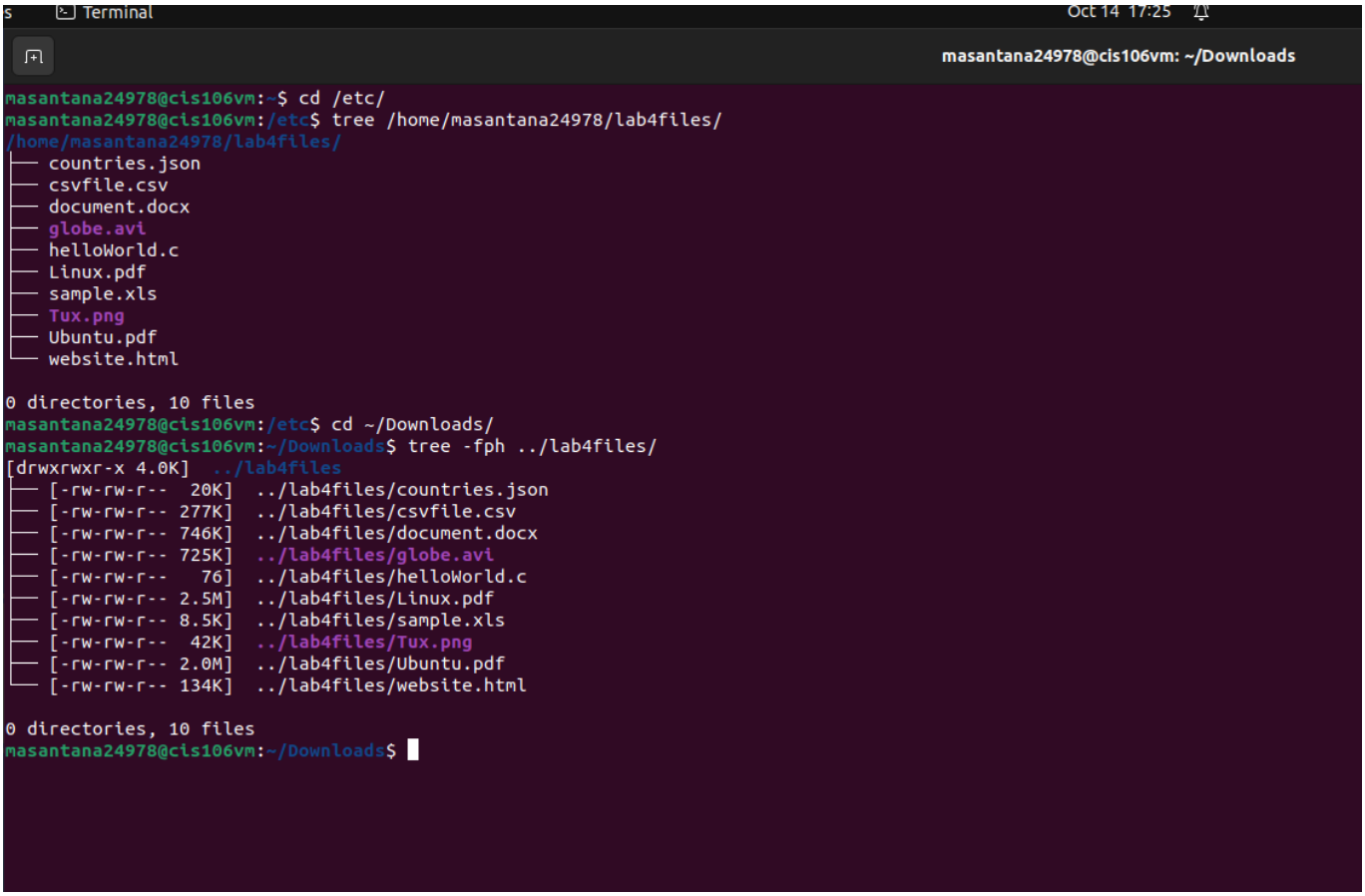
Question 2

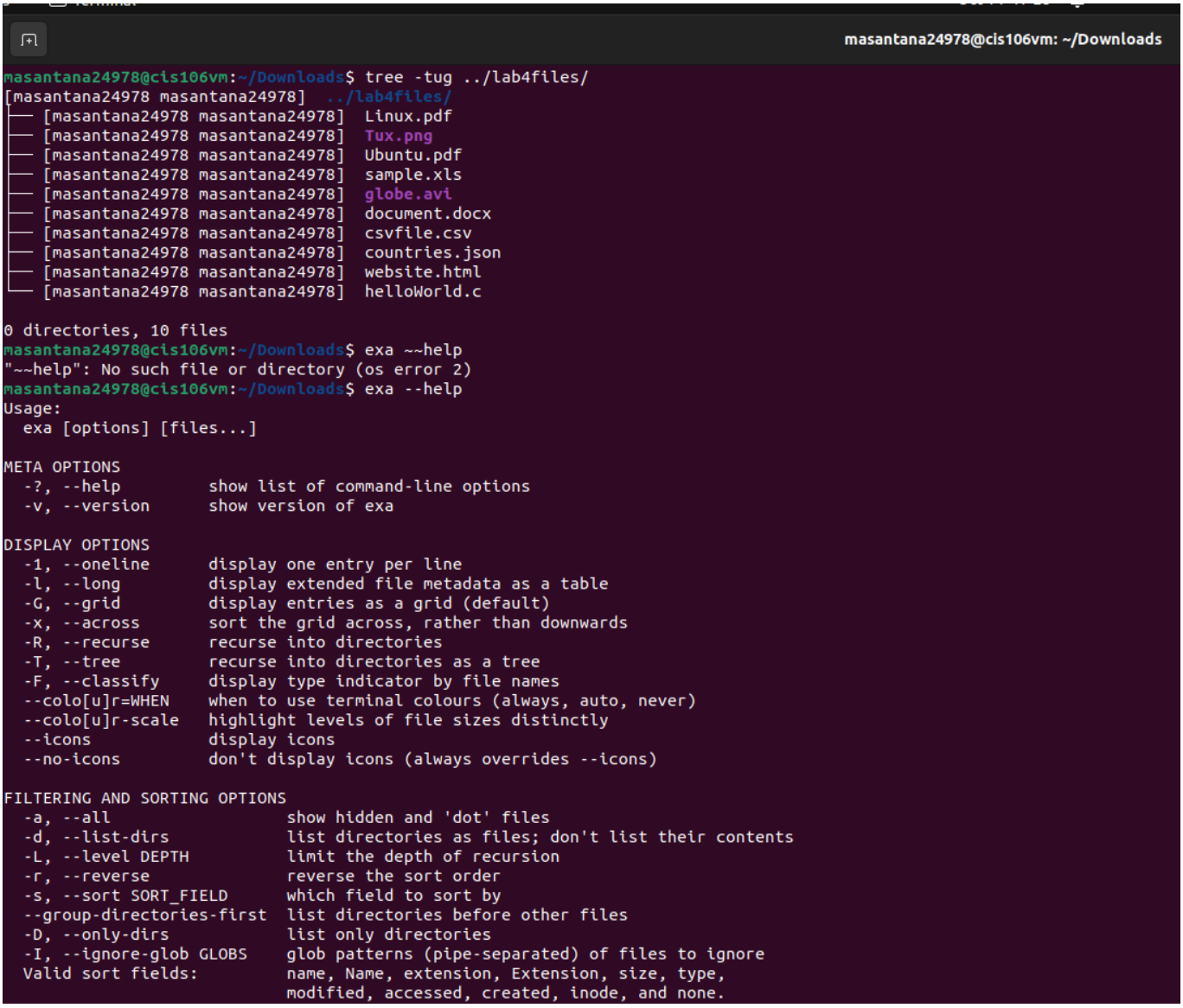
```
masantana24978@cis106vm:~/Documents$ pwd
/home/masantana24978/Documents
masantana24978@cis106vm:~/Documents$ cd /usr/share
masantana24978@cis106vm:/usr/share$ ls /home/masantana24978/lab4files/
countries.json  document.docx  helloWorld.c  sample.xls  Ubuntu.pdf
csvfile.csv     globe.avi      Linux.pdf     Tux.png     website.html
masantana24978@cis106vm:/usr/share$ cd /home/masantana24978/lab4files/
masantana24978@cis106vm:~/lab4files$ ls -l
total 6580
-rw-rw-r-- 1 masantana24978 masantana24978   20471 Feb 22  2022 countries.json
-rw-rw-r-- 1 masantana24978 masantana24978  284042 Feb 22  2022 csvfile.csv
-rw-rw-r-- 1 masantana24978 masantana24978  764176 Feb 22  2022 document.docx
-rw-rw-r-- 1 masantana24978 masantana24978  742478 Feb 22  2022 globe.avi
-rw-rw-r-- 1 masantana24978 masantana24978      76 Feb 22  2022 helloWorld.c
-rw-rw-r-- 1 masantana24978 masantana24978 2600138 Feb 22  2022 Linux.pdf
-rw-rw-r-- 1 masantana24978 masantana24978    8704 Feb 22  2022 sample.xls
-rw-rw-r-- 1 masantana24978 masantana24978   42777 Feb 22  2022 Tux.png
-rw-rw-r-- 1 masantana24978 masantana24978 2114053 Feb 22  2022 Ubuntu.pdf
-rw-rw-r-- 1 masantana24978 masantana24978  137453 Feb 22  2022 website.html
masantana24978@cis106vm:~/lab4files$ ls-lh
ls-lh: command not found
masantana24978@cis106vm:~/lab4files$ ls -lh
total 6.5M
-rw-rw-r-- 1 masantana24978 masantana24978  20K Feb 22  2022 countries.json
-rw-rw-r-- 1 masantana24978 masantana24978 278K Feb 22  2022 csvfile.csv
-rw-rw-r-- 1 masantana24978 masantana24978 747K Feb 22  2022 document.docx
-rw-rw-r-- 1 masantana24978 masantana24978 726K Feb 22  2022 globe.avi
-rw-rw-r-- 1 masantana24978 masantana24978   76 Feb 22  2022 helloWorld.c
-rw-rw-r-- 1 masantana24978 masantana24978 2.5M Feb 22  2022 Linux.pdf
-rw-rw-r-- 1 masantana24978 masantana24978 8.5K Feb 22  2022 sample.xls
-rw-rw-r-- 1 masantana24978 masantana24978  42K Feb 22  2022 Tux.png
-rw-rw-r-- 1 masantana24978 masantana24978 2.1M Feb 22  2022 Ubuntu.pdf
-rw-rw-r-- 1 masantana24978 masantana24978 135K Feb 22  2022 website.html
masantana24978@cis106vm:~/lab4files$
```

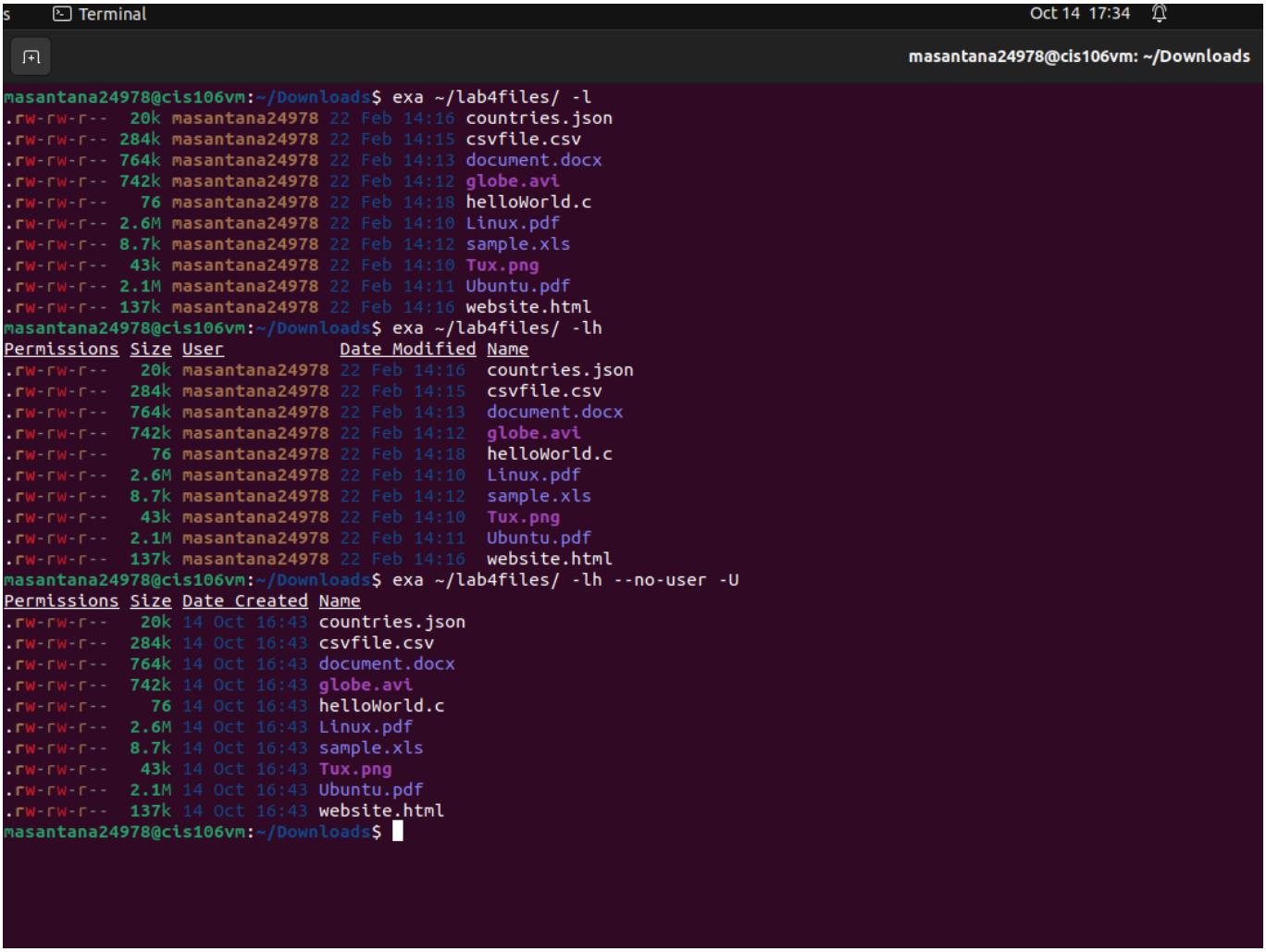



masantana24978@cis106vm: ~/lab4files
total 6.5M
1591153 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
1591158 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
1591161 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
1591162 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
1591160 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
1591165 -rw-rw-r-- 1 135K Feb 22 2022 website.html
1591157 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
1591159 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
1591164 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
1591163 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
masantana24978@cis106vm:~/lab4files$ ls -Xr
sample.xls Tux.png Ubuntu.pdf Linux.pdf countries.json website.html document.d
ocx csvfile.csv helloWorld.c globe.avi
masantana24978@cis106vm:~/lab4files$

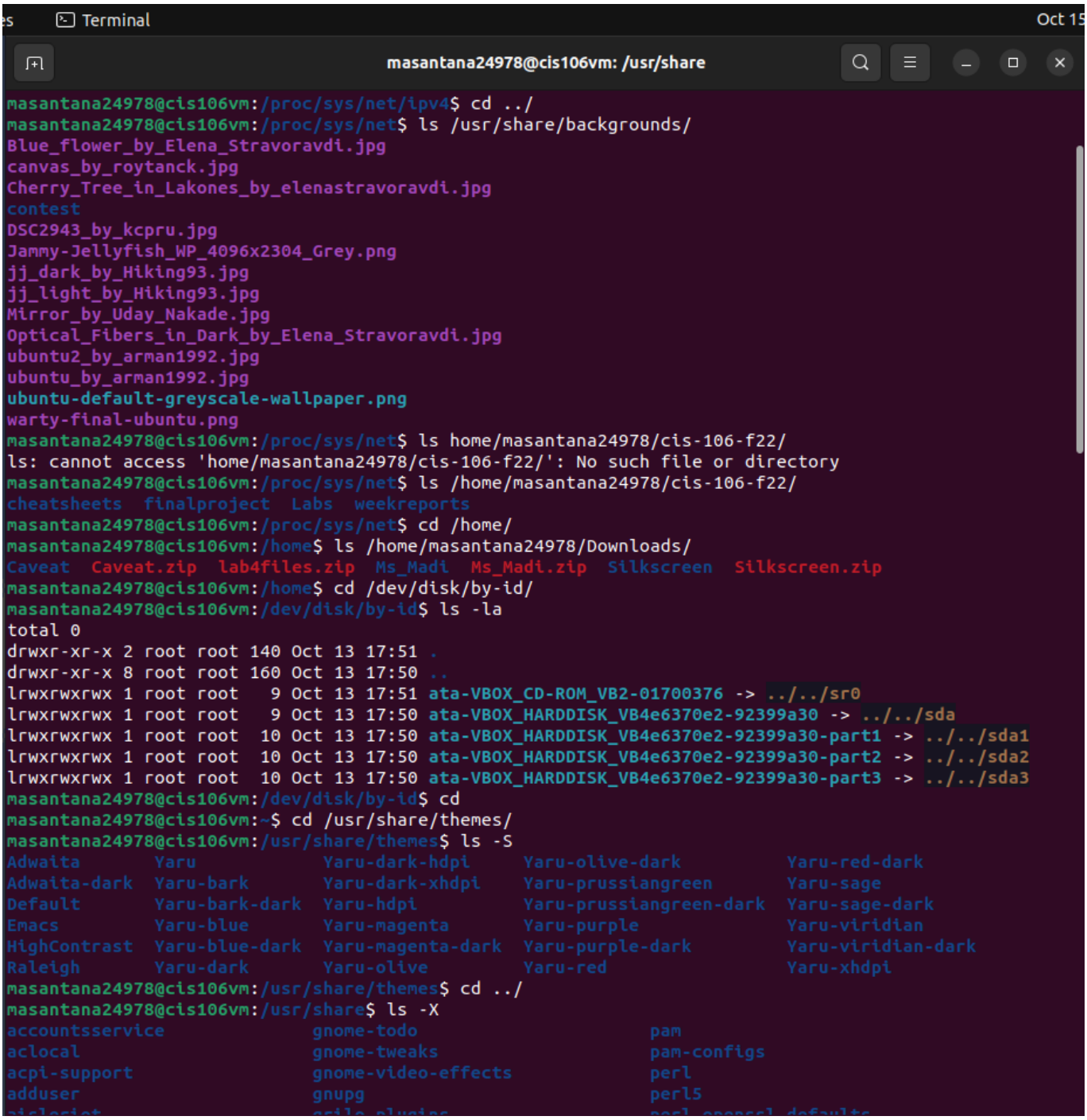
Question 3

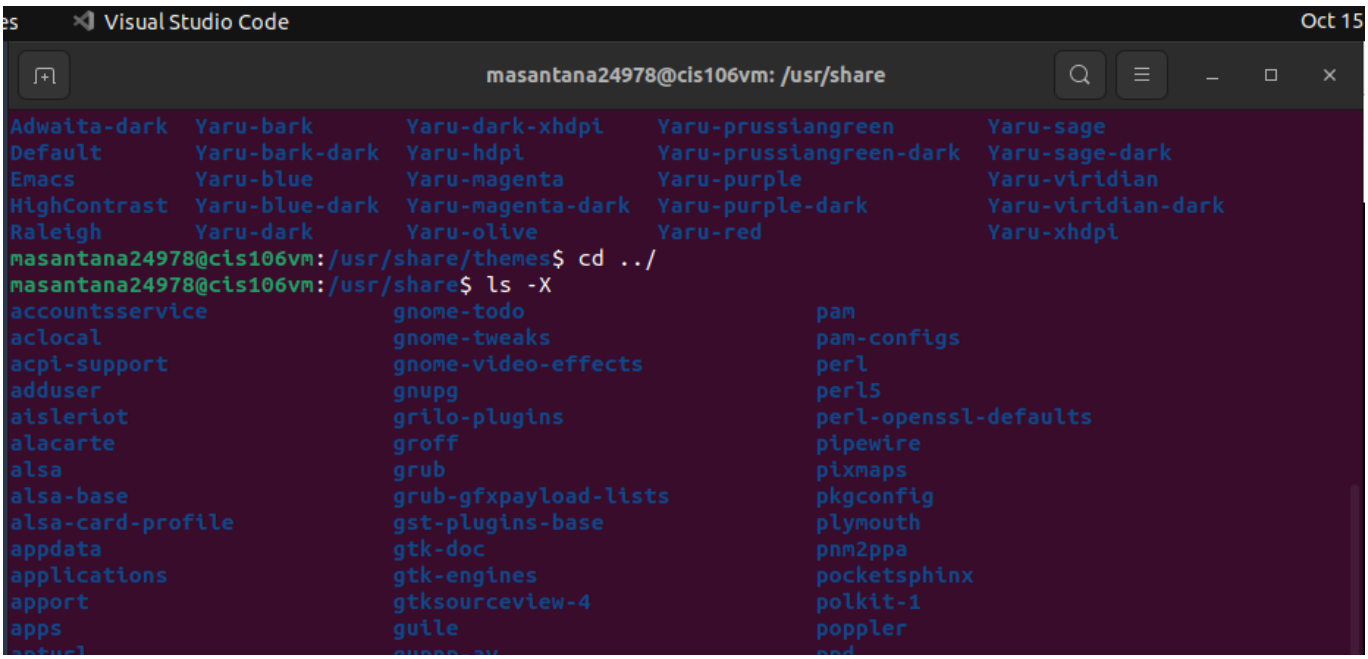

Terminal
Oct 14 17:25
masantana24978@cis106vm: ~/Downloads
masantana24978@cis106vm:~$ cd /etc/
masantana24978@cis106vm:/etc$ tree /home/masantana24978/lab4files/
/home/masantana24978/lab4files/
├── countries.json
├── csvfile.csv
├── document.docx
├── globe.avi
├── helloWorld.c
├── Linux.pdf
├── sample.xls
├── Tux.png
├── Ubuntu.pdf
└── website.html
0 directories, 10 files
masantana24978@cis106vm:/etc$ cd ~/Downloads/
masantana24978@cis106vm:~/Downloads$ tree -fph ../lab4files/
[drwxrwxr-x 4.0K] ../lab4files
├── [-rw-rw-r-- 20K] ../lab4files/countries.json
├── [-rw-rw-r-- 277K] ../lab4files/csvfile.csv
├── [-rw-rw-r-- 746K] ../lab4files/document.docx
├── [-rw-rw-r-- 725K] ../lab4files/globe.avi
├── [-rw-rw-r-- 76] ../lab4files/helloWorld.c
├── [-rw-rw-r-- 2.5M] ../lab4files/Linux.pdf
├── [-rw-rw-r-- 8.5K] ../lab4files/sample.xls
├── [-rw-rw-r-- 42K] ../lab4files/Tux.png
├── [-rw-rw-r-- 2.0M] ../lab4files/Ubuntu.pdf
└── [-rw-rw-r-- 134K] ../lab4files/website.html
0 directories, 10 files
masantana24978@cis106vm:~/Downloads$

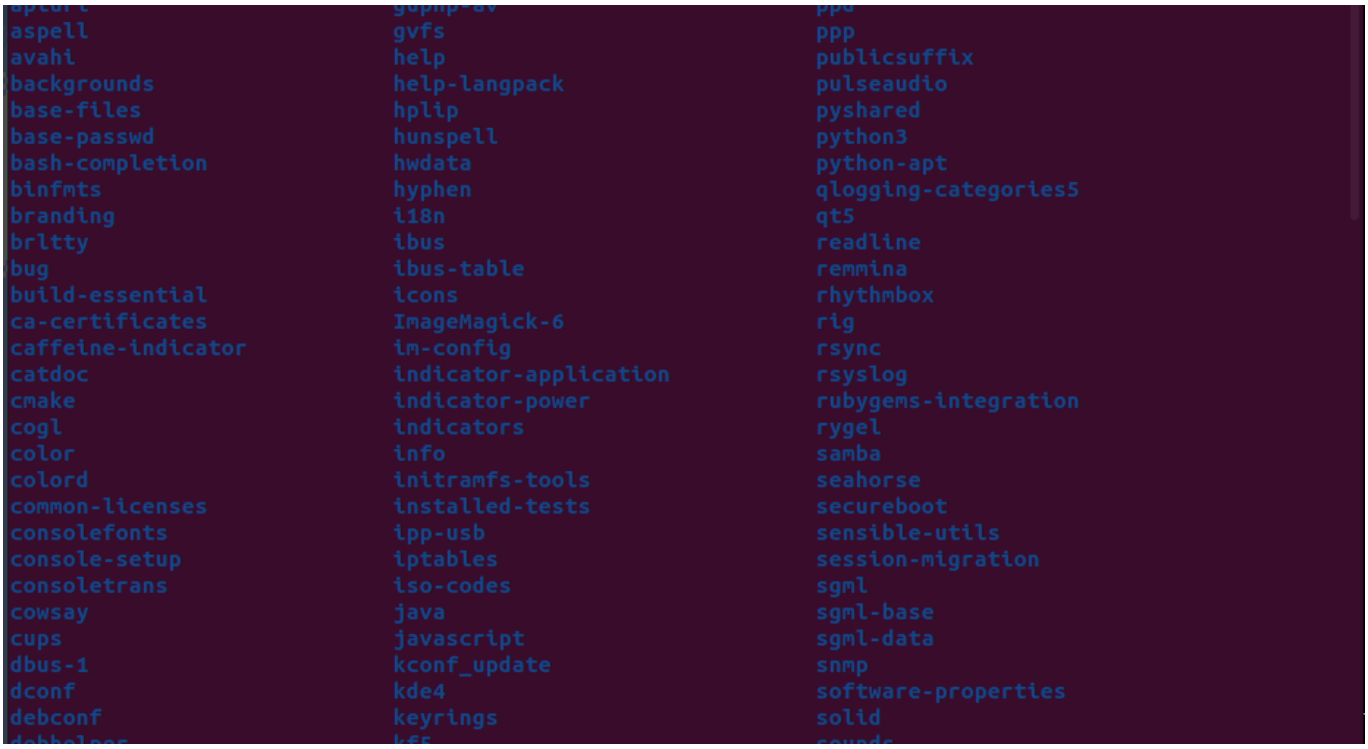

masantana24978@cis106vm: ~/Downloads
masantana24978@cis106vm:~/Downloads$ tree -tug ../lab4files/
[masantana24978 masantana24978] ../lab4files/
├── [masantana24978 masantana24978] Linux.pdf
├── [masantana24978 masantana24978] Tux.png
├── [masantana24978 masantana24978] Ubuntu.pdf
├── [masantana24978 masantana24978] sample.xls
├── [masantana24978 masantana24978] globe.avi
├── [masantana24978 masantana24978] document.docx
├── [masantana24978 masantana24978] csvfile.csv
├── [masantana24978 masantana24978] countries.json
├── [masantana24978 masantana24978] website.html
└── [masantana24978 masantana24978] helloWorld.c
0 directories, 10 files
masantana24978@cis106vm:~/Downloads$ exa ~~help
"~~help": No such file or directory (os error 2)
masantana24978@cis106vm:~/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
-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.

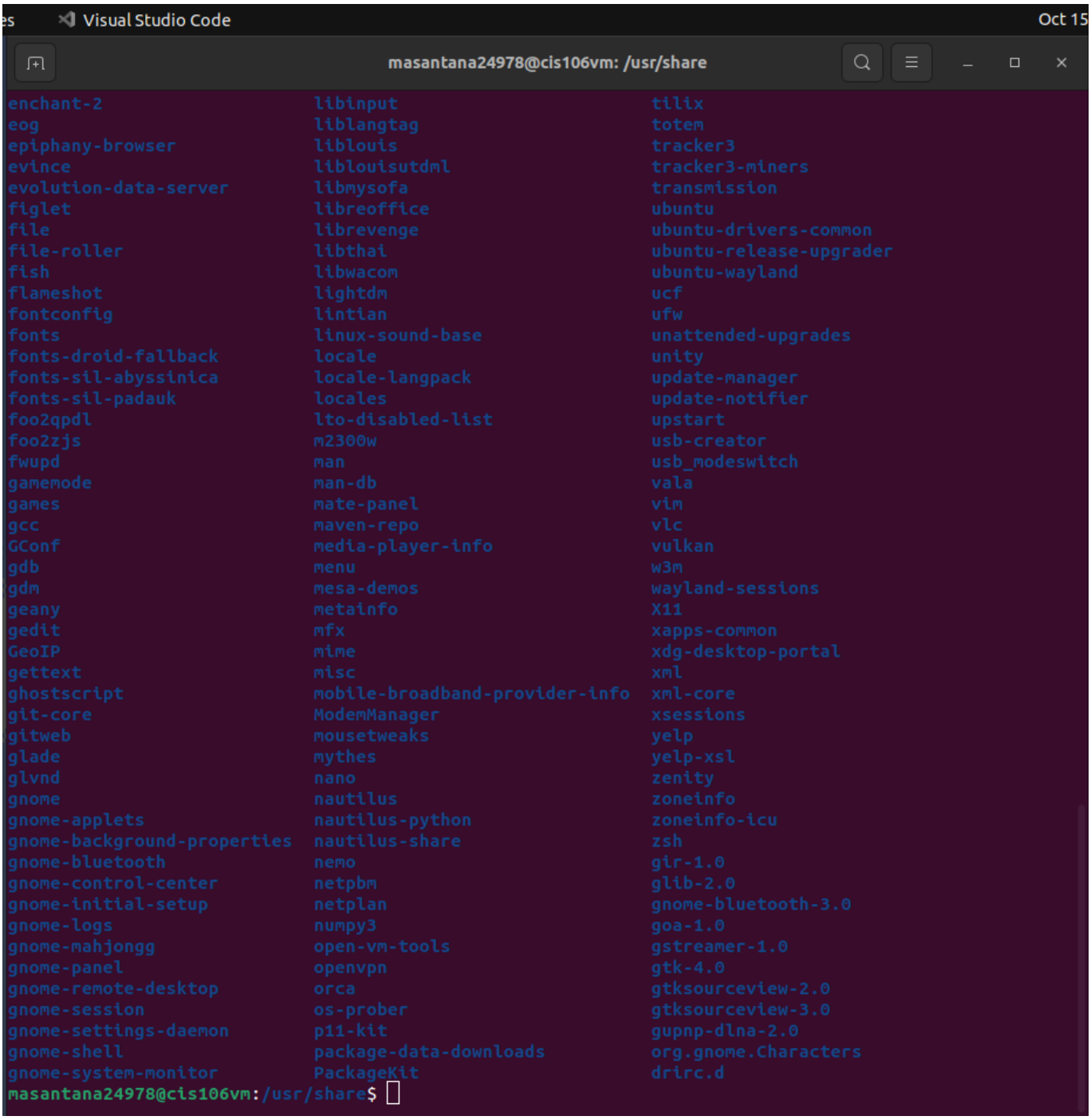


Question 4 Challenge Question


Terminal
Oct 15
masantana24978@cis106vm: /usr/share
masantana24978@cis106vm:/proc/sys/net/ipv4$ cd ../
masantana24978@cis106vm:/proc/sys/net$ 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
masantana24978@cis106vm:/proc/sys/net$ ls home/masantana24978/cis-106-f22/
ls: cannot access 'home/masantana24978/cis-106-f22/': No such file or directory
masantana24978@cis106vm:/proc/sys/net$ ls /home/masantana24978/cis-106-f22/
cheatsheets finalproject Labs weekreports
masantana24978@cis106vm:/proc/sys/net$ cd /home/
masantana24978@cis106vm:/home$ ls /home/masantana24978/Downloads/
Caveat Caveat.zip lab4files.zip Ms_Madi Ms_Madi.zip Silkscreen Silkscreen.zip
masantana24978@cis106vm:/home$ cd /dev/disk/by-id/
masantana24978@cis106vm:/dev/disk/by-id$ ls -la
total 0
drwxr-xr-x 2 root root 140 Oct 13 17:51 .
drwxr-xr-x 8 root root 160 Oct 13 17:50 ..
lrwxrwxrwx 1 root root 9 Oct 13 17:51 ata-VBOX_CD-ROM_VB2-01700376 -> ../../sr0
lrwxrwxrwx 1 root root 9 Oct 13 17:50 ata-VBOX_HARDDISK_VB4e6370e2-92399a30 -> ../../sda
lrwxrwxrwx 1 root root 10 Oct 13 17:50 ata-VBOX_HARDDISK_VB4e6370e2-92399a30-part1 -> ../../sda1
lrwxrwxrwx 1 root root 10 Oct 13 17:50 ata-VBOX_HARDDISK_VB4e6370e2-92399a30-part2 -> ../../sda2
lrwxrwxrwx 1 root root 10 Oct 13 17:50 ata-VBOX_HARDDISK_VB4e6370e2-92399a30-part3 -> ../../sda3
masantana24978@cis106vm:/dev/disk/by-id$ cd
masantana24978@cis106vm:~$ cd /usr/share/themes/
masantana24978@cis106vm:/usr/share/themes$ ls -S
Adwaita Yaru Yaru-dark-hdpi Yaru-olive-dark Yaru-red-dark
Adwaita-dark Yaru-bark Yaru-dark-xhdpi Yaru-prussiangreen Yaru-sage
Default Yaru-bark-dark Yaru-hdpi Yaru-prussiangreen-dark Yaru-sage-dark
Emacs Yaru-blue Yaru-magenta Yaru-purple Yaru-viridian
HighContrast Yaru-blue-dark Yaru-magenta-dark Yaru-purple-dark Yaru-viridian-dark
Raleigh Yaru-dark Yaru-olive Yaru-red Yaru-xhdpi
masantana24978@cis106vm:/usr/share/themes$ cd ../
masantana24978@cis106vm:/usr/share$ ls -X
accountsservice gnome-todo pam
aclocal gnome-tweaks pam-configs
acpi-support gnome-video-effects perl
adduser gnupg perl5


Visual Studio Code
Oct 15
masantana24978@cis106vm: /usr/share
Adwaita-dark Yaru-bark Yaru-dark-xhdpi Yaru-prussiangreen Yaru-sage
Default Yaru-bark-dark Yaru-hdpi Yaru-prussiangreen-dark Yaru-sage-dark
Emacs Yaru-blue Yaru-magenta Yaru-purple Yaru-viridian
HighContrast Yaru-blue-dark Yaru-magenta-dark Yaru-purple-dark Yaru-viridian-dark
Raleigh Yaru-dark Yaru-olive Yaru-red Yaru-xhdpi
masantana24978@cis106vm:/usr/share/themes$ cd ../
masantana24978@cis106vm:/usr/share$ ls -X
accountsservice gnome-todo pam
aclocal gnome-tweaks pam-configs
acpi-support gnome-video-effects perl
adduser gnupg perl5
aisleriot grilo-plugins perl-openssl-defaults
alacarte groff pipewire
alsa grub pixmaps
alsa-base grub-gfxpayload-lists pkgconfig
alsa-card-profile gst-plugins-base plymouth
appdata gtk-doc pnm2ppa
applications gtk-engines pocketsphinx
apport gtksourceview-4 polkit-1
apps guile poppler


aspell
avahi
backgrounds
base-files
base-passwd
bash-completion
binfmts
branding
brltty
bug
build-essential
ca-certificates
caffeine-indicator
catdoc
cmake
cogl
color
colord
common-licenses
consolefonts
console-setup
consoletrans
cowsay
cups
dbus-1
dconf
debconf
gvfs
help
help-langpack
hplip
hunspell
hwdata
hyphen
i18n
ibus
ibus-table
icons
ImageMagick-6
im-config
indicator-application
indicator-power
indicators
info
initramfs-tools
installed-tests
ipp-usb
iptables
iso-codes
java
javascript
kconf_update
kde4
keyrings
ppp
publicsuffix
pulseaudio
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


Visual Studio Code
Oct 15
masantana24978@cis106vm: /usr/share
enchant-2
eog
epiphany-browser
evince
evolution-data-server
figlet
file
file-roller
fish
flameshot
fontconfig
fonts
fonts-droid-fallback
fonts-sil-abyssinica
fonts-sil-padauk
foo2qpdl
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-system-monitor
libinput
liblangtag
liblouis
liblouisutdml
libmysofa
libreoffice
librevenge
libthai
libwacom
lightdm
lintian
linux-sound-base
locale
locale-langpack
locales
lto-disabled-list
m2300w
man
man-db
mate-panel
maven-repo
media-player-info
menu
mesa-demos
metainfo
mfx
mime
misc
mobile-broadband-provider-info
ModemManager
mousetweaks
mythes
nano
nautilus
nautilus-python
nautilus-share
nemo
netpbm
netplan
numpy3
open-vm-tools
openvpn
orca
os-prober
p11-kit
package-data-downloads
PackageKit
tilix
totem
tracker3
tracker3-miners
transmission
ubuntu
ubuntu-drivers-common
ubuntu-release-upgrader
ubuntu-wayland
ucf
ufw
unattended-upgrades
unity
update-manager
update-notifier
upstart
usb-creator
usb_modeswitch
vala
vim
vlc
vulkan
w3m
wayland-sessions
X11
xapps-common
xdg-desktop-portal
xml
xml-core
xsessions
yelp
yelp-xsl
zenity
zoneinfo
zoneinfo-icu
zsh
gir-1.0
glib-2.0
gnome-bluetooth-3.0
goa-1.0
gstreamer-1.0
gtk-4.0
gtksourceview-2.0
gtksourceview-3.0
gupnp-dlna-2.0
org.gnome.Characters
drirc.d
masantana24978@cis106vm:/usr/share$