

# Lab 5 Submission

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## Question 1

1/1 + Tilix: lenjrg@cis106: /dev/cpu/0 - x

```
1: lenjrg@cis106: /dev/cpu/0 ~
lenjrg@cis106:~$ pwd
/home/lenjrg
lenjrg@cis106:~$ cd /usr/share/t
tabset/      terminfo/      thumbnailers/
tasksel/     themes/       tilix/
lenjrg@cis106:~$ cd /usr/share/themes/
lenjrg@cis106:/usr/share/themes$ pwd
/usr/share/themes
lenjrg@cis106:/usr/share/themes$ cd /dev/cpu/
0/ 1/
lenjrg@cis106:/usr/share/themes$ cd /dev/cpu/0/
lenjrg@cis106:/dev/cpu/0$ █
```

lenjrg@cis106:~\$ cd
lenjrg@cis106:~\$ cd Downloads/
lenjrg@cis106:~/Downloads\$ cd ../../
lenjrg@cis106:/home\$ pwd
/home
lenjrg@cis106:/home\$ cd ~Documents/
bash: cd: ~Documents/: No such file or directory
lenjrg@cis106:/home\$ cd lenjrg/Documents/
lenjrg@cis106:~/Documents\$ █

## Question 2

```
lenjrg@cis106: ~/lab5files
lenjrg@cis106: ~/lab5files
lenjrg@cis106: ~

-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
lenjrg@cis106:~/lab5files$ ls -lhG$*
total 6.5M
1590100 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
1590102 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
1590105 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
1590106 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
1590104 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
1590109 -rw-rw-r-- 1 135K Feb 22 2022 website.html
1590101 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
1590103 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
1590108 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
1590107 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
lenjrg@cis106:~/lab5files$ ls -Xr
sample.xls Ubuntu.pdf countries.json document.docx helloWorld.c
Tux.png Linux.pdf website.html csvfile.csv globe.avi
lenjrg@cis106:~/lab5files$
```

```
lenjrg@cis106: ~/lab5files
lenjrg@cis106: ~/lab5files
lenjrg@cis106: ~

lenjrg@cis106:~$ cd
lenjrg@cis106:~$ cd Downloads/
lenjrg@cis106:~/Downloads$ cd ../../
lenjrg@cis106:/home$ pwd
/home
lenjrg@cis106:/home$ cd ~Documents/
bash: cd: ~Documents/: No such file or directory
lenjrg@cis106:/home$ cd lenjrg/Documents/
lenjrg@cis106:~/Documents$ cd /usr/share/
lenjrg@cis106:/usr/share$ ls -ah
.
..
accountsservice
aclocal
alacarte
alsa
alsa-card-profile
apparmor-features
appdata
applications
apport
apps
appstream
apt
gnvnd
glycin-loaders
gnome
gnome-applets
gnome-background-properties
gnome-bluetooth-3.0
gnome-browser-connector
gnome-connections
gnome-control-center
gnome-maps
gnome-panel
gnome-remote-desktop
gnome-session
gnome-settings-daemon
mozilla
mythes
nano
nautilus
nautilus-python
nemo
nodejs
openal
orca
org.gnome.Characters
org.gnome.Music
org.gnome.SoundRecorder
org.gnome.Weather
osinfo
```

The screenshot shows a Linux desktop environment with a terminal window open in the foreground. The terminal window title is "lenjrg@cis106: ~/lab5files". The terminal output shows the user navigating through their home directory and listing files. The user has run the command "ls -lhg" which displays a detailed list of files in the current directory. The terminal window also shows the user's previous command history, including "cd -" and "ls -lhg".

```
lenjrg@cis106: ~/lab5files
drwxr-xr-x  2 root root 4.0K Sep 12 07:52 .xdg-terminals
drwxr-xr-x  12 root root 4.0K Sep 12 07:50 .xml
drwxr-xr-x  2 root root 4.0K Sep 12 07:50 .xml-core
drwxr-xr-x  2 root root 4.0K Sep 12 07:52 .xsessions
drwxr-xr-x  6 root root 4.0K Sep 12 07:52 .yelp
drwxr-xr-x  4 root root 4.0K Sep 12 07:52 .yelp-xsl
drwxr-xr-x 13 root root 4.0K Sep 12 07:45 .zoneinfo
drwxr-xr-x  4 root root 4.0K Sep 12 07:45 .zsh
(lenjrg@cis106:~/)ls -lh
total 6.5M
-rw-rw-r--  1 lenjrg lenjrg 28K Feb 22 2022 countries.json
-rw-rw-r--  1 lenjrg lenjrg 278K Feb 22 2022 csvfile.csv
-rw-rw-r--  1 lenjrg lenjrg 747K Feb 22 2022 document.docx
-rw-rw-r--  1 lenjrg lenjrg 726K Feb 22 2022 globe.avi
-rw-rw-r--  1 lenjrg lenjrg 76 Feb 22 2022 helloworld.c
-rw-rw-r--  1 lenjrg lenjrg 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r--  1 lenjrg lenjrg 42K Feb 22 2022 sample.xls
-rw-rw-r--  1 lenjrg lenjrg 2.1M Feb 22 2022 x11.png
-rw-rw-r--  1 lenjrg lenjrg 135K Feb 22 2022 Ubuntu.pdf
lenjrg@cis106: ~/lab5files$ ls -lhg
```

## Question 3

```
lenjrg@cis106:~/marstenHouse/kitchen$ cd ../
lenjrg@cis106:~/marstenHouse$ ls -A
attic kitchen
lenjrg@cis106:~/marstenHouse$ cd attic/
lenjrg@cis106:~/marstenHouse/attic$ ls -A
attic master_bedroom
lenjrg@cis106:~/marstenHouse/attic$ cd attic/
lenjrg@cis106:~/marstenHouse/attic/attic$ ls
-A
guest_room hallway .key5 living_room
lenjrg@cis106:~/marstenHouse/attic/attic$ rea
lpath .key5
/home/lenjrg/marstenHouse/attic/attic/.key5
lenjrg@cis106:~/marstenHouse/attic/attic$ █
```

```
lenjrg@cis106:~/marstenHouse/attic/attic/hall  
way$ cd ..  
lenjrg@cis106:~/marstenHouse/attic/attic$ cd  
living_room/  
lenjrg@cis106:~/marstenHouse/attic/attic/livi  
ng_room$ ls -a  
. .. .key4  
lenjrg@cis106:~/marstenHouse/attic/attic/livi  
ng_room$ realpath .key4  
/home/lenjrg/marstenHouse/attic/attic/living_  
room/.key4  
lenjrg@cis106:~/marstenHouse/attic/attic/livi  
ng_room$ █
```

```
guest_room/ hallway/ living_room/
lenjrg@cis106:~/marstenHouse/attic/attic$ cd
cd ..
bash: cd: too many arguments
lenjrg@cis106:~/marstenHouse/attic/attic$ cd
..
lenjrg@cis106:~/marstenHouse/attic$ cd
attic/ master_bedroom/
lenjrg@cis106:~/marstenHouse/attic$ cd master
_bedroom/
lenjrg@cis106:~/marstenHouse/attic/master_bed
room$ ls -a
. .. .key1 .key3
lenjrg@cis106:~/marstenHouse/attic/master_bed
room$ realpath .key1
/home/lenjrg/marstenHouse/attic/master_bedroo
m/.key1
lenjrg@cis106:~/marstenHouse/attic/master_bed
room$ █
```

```
lenjrg@cis106:~/marstenHouse/attic/master_bed
room$ ls -a
. .. .key1 .key3
lenjrg@cis106:~/marstenHouse/attic/master_bed
room$ realpath .key1
/home/lenjrg/marstenHouse/attic/master_bedroo
m/.key1
lenjrg@cis106:~/marstenHouse/attic/master_bed
room$ realpath .key3
/home/lenjrg/marstenHouse/attic/master_bedroo
m/.key3
lenjrg@cis106:~/marstenHouse/attic/master_bed
room$ █
```

```
lenjrg@cis106:~/marstenHouse$ cd  
attic/ kitchen/  
lenjrg@cis106:~/marstenHouse$ cd kitchen/  
lenjrg@cis106:~/marstenHouse/kitchen$ ls -a  
. .. .key2  
lenjrg@cis106:~/marstenHouse/kitchen$ realpath key2  
/home/lenjrg/marstenHouse/kitchen/key2  
lenjrg@cis106:~/marstenHouse/kitchen$ █
```

```
attic master_bedroom  
lenjrg@cis106:~/marstenHouse/attic$ ls -a  
.. attic master_bedroom  
lenjrg@cis106:~/marstenHouse/attic$ cd ../  
lenjrg@cis106:~/marstenHouse$ tree
```

```
— attic  
  — attic  
    — guest_room  
    — hallway  
    — living_room  
  — master_bedroom  
— kitchen
```

3 directories, 0 files

```
lenjrg@cis106:~/marstenHouse$ █
```