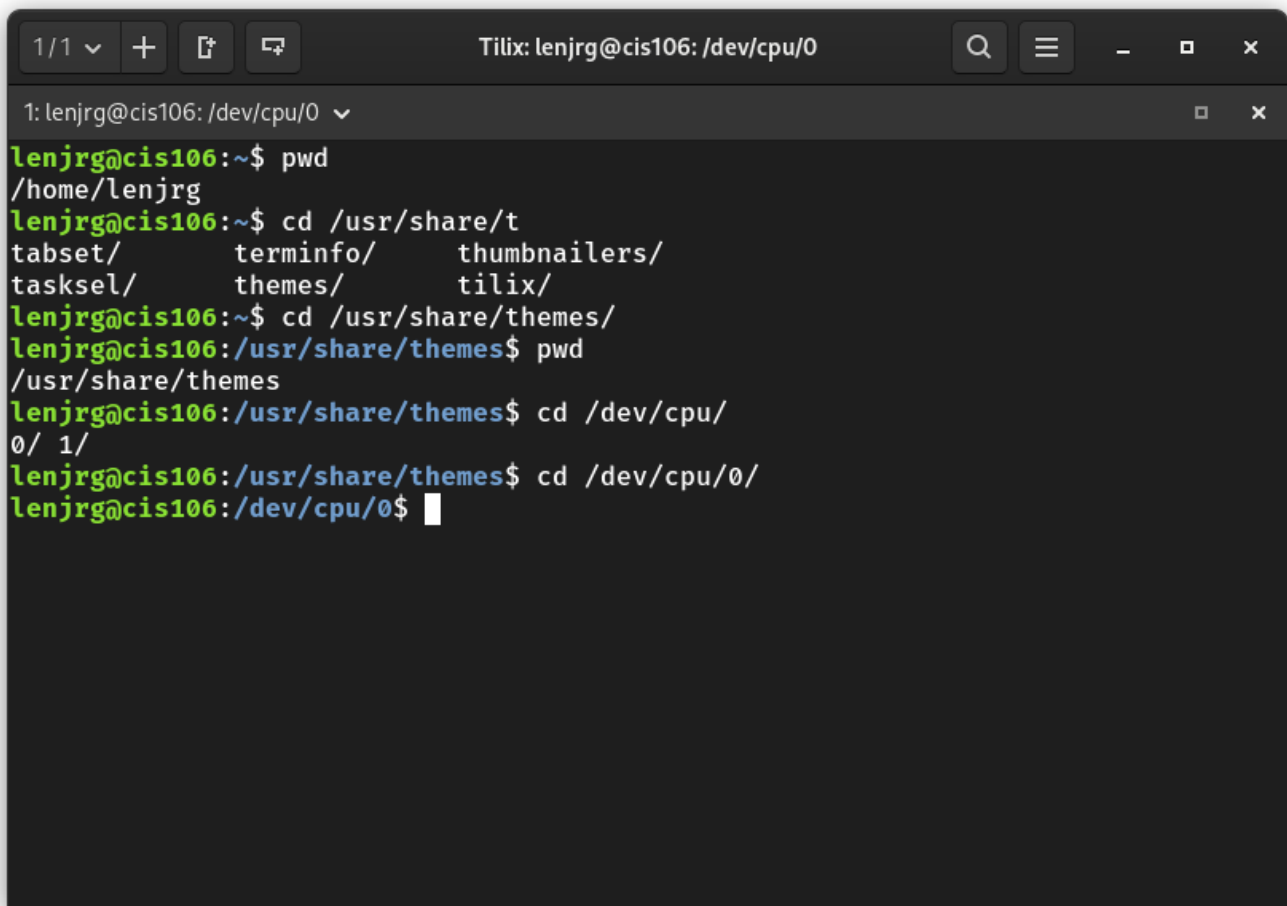
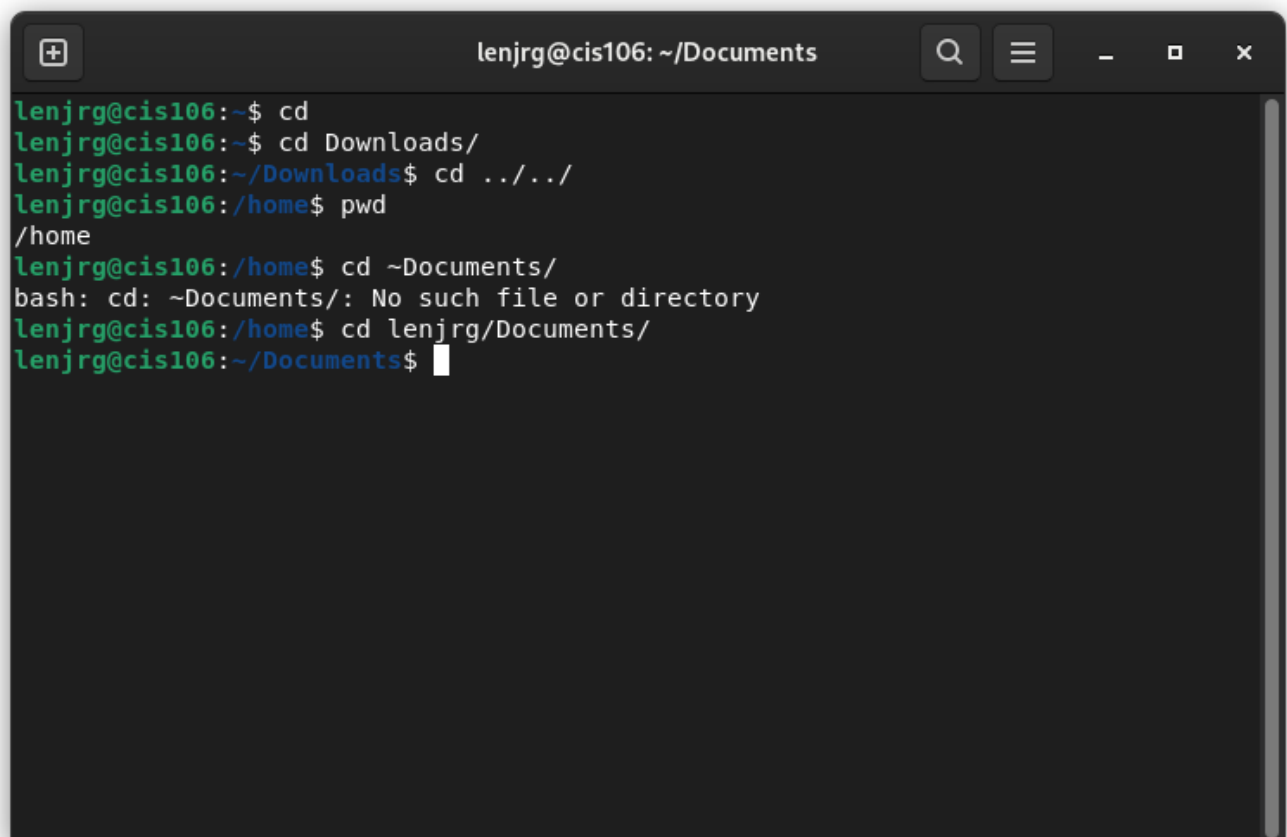


Lab 5 Submission

Question 1



```
1/1 ▾ + [ ] [ ] Tilix: lenjrg@cis106: /dev/cpu/0 [Q] [≡] [-] [□] [X]
1: lenjrg@cis106: /dev/cpu/0 ▾ [□] [X]
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: ~/Documents [Q] [≡] [-] [□] [X]
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

```

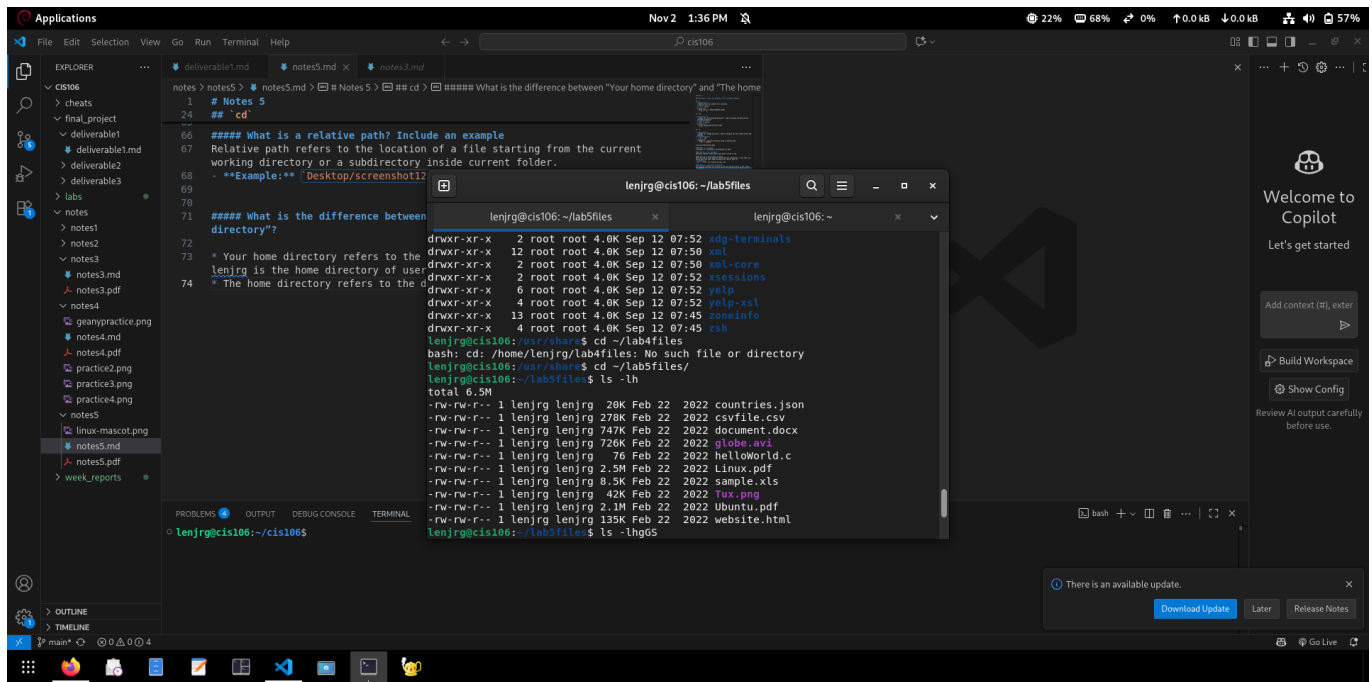
lenjrg@cis106: ~/lab5files
lenjrg@cis106: ~/lab5files
-rw-rw-r-- 1 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 135K Feb 22 2022 website.html
-rw-rw-r-- 1 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 20K Feb 22 2022 countries.json
-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 -lhGsi
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:~$ 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
.          glvnd      mozilla
..         glycin-loaders  mythes
accountsservice  gnome      nano
aclocal         gnome-applets  nautilus
alacarte        gnome-background-properties  nautilus-python
alsa            gnome-bluetooth-3.0          nemo
alsa-card-profile  gnome-browser-connector     nodejs
apparmor-features  gnome-connections           openal
appdata           gnome-control-center        orca
applications       gnome-maps                  org.gnome.Characters
appport            gnome-panel                  org.gnome.Music
apps               gnome-remote-desktop         org.gnome.SoundRecorder
appstream          gnome-session                org.gnome.Weather
apt                gnome-settings-daemon       osinfo

```



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$ realpath .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$
```

```
lenjrg@cis106:~/marstenHouse$ cd attic/
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$
```