

Lab 5

Q1

```
1/1 v + [ ] [ ] Tilix: eli@cis106: /dev/cpu/0
1: eli@cis106: /dev/cpu/0 v
eli@cis106:~$ pwd
/home/eli
eli@cis106:~$ cd /usr/share/themes/
eli@cis106:/usr/share/themes$ pwd
/usr/share/themes
eli@cis106:/usr/share/themes$ cd /
eli@cis106:/$ pwd
/
eli@cis106:/$ cd /dev/cpu/0
eli@cis106:/dev/cpu/0$ _
```

```
1/1 v + [ ] [ ] Tilix: eli@cis106: ~/Documents
1: eli@cis106: ~/Documents v
eli@cis106:~$ pwd
/home/eli
eli@cis106:~$ ls
cis106                                Public
colors                                scripts
Desktop                              snap
Documents                            snapshots
Downloads                            Templates
essentials.sh                        testscripts
essentials.sh.1                      Videos
homework                             vscode.sh
'Markdown Cheat sheet For CIS 106 Linux Fundamentals.png'  vscode.sh.1
Music                                 wallpapers
Pictures
eli@cis106:~$ cd Documents/
eli@cis106:~/Documents$ pwd
/home/eli/Documents
eli@cis106:~/Documents$ cd ../../
eli@cis106:/home$ cd eli/Documents/
eli@cis106:~/Documents$ _
```

Q2

```
1/1 + [ ] [ ] Tilix: eli@cis106: ~/lab5files

1: eli@cis106: ~/lab5files

eli@cis106:~$ cd /usr/share/
eli@cis106:/usr/share$ ls -A /home/eli/lab5files
countries.json document.docx helloWorld.c sample.xls Ubuntu.pdf
csvfile.csv globe.avi Linux.pdf Tux.png website.html
eli@cis106:/usr/share$ cd ~/lab5files/
eli@cis106:~/lab5files$ ls -l -h
total 6.5M
-rw-rw-r-- 1 eli eli 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 eli eli 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 eli eli 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 eli eli 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 eli eli 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 eli eli 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 eli eli 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 eli eli 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 eli eli 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 eli eli 135K Feb 22 2022 website.html
eli@cis106:~/lab5files$ ls -l -h -S
total 6.5M
-rw-rw-r-- 1 eli eli 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 eli eli 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 eli eli 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 eli eli 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 eli eli 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 eli eli 135K Feb 22 2022 website.html
-rw-rw-r-- 1 eli eli 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 eli eli 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 eli eli 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 eli eli 76 Feb 22 2022 helloWorld.c
eli@cis106:~/lab5files$ ls -lhSiGg
total 6.5M
545097 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
545336 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
545384 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
545386 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
545363 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
545404 -rw-rw-r-- 1 135K Feb 22 2022 website.html
545334 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
545362 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
545400 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
545390 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
eli@cis106:~/lab5files$ ls -a -X -r
sample.xls Ubuntu.pdf countries.json document.docx helloWorld.c ..
Tux.png Linux.pdf website.html csvfile.csv globe.avi .
eli@cis106:~/lab5files$ _
```

Q3

```
2/2 v + [ ] [ ] Tilix: eli@cis106: ~/marstenHouse
1: eli@cis106: ~/marstenHouse v
eli@cis106:~$ cd marstenHouse/
eli@cis106:~/marstenHouse$ tree -a
.
├── foyer
│   ├── basement
│   │   ├── guest_room
│   │   │   ├── .key1
│   │   │   ├── .key2
│   │   │   └── .key3
│   │   └── kitchen
│   └── foyer
│       └── .key5
└── .key4

6 directories, 5 files
eli@cis106:~/marstenHouse$ _
```

```
2/3 v + [ ] [ ] Tilix: eli@cis106: ~/marstenHouse/foyer/foyer
1: eli@cis106: ~/marstenHouse/foyer/foyer v
eli@cis106:~$ cd marstenHouse/
eli@cis106:~/marstenHouse$ tree -a
.
├── foyer
│   ├── basement
│   │   ├── guest_room
│   │   │   ├── .key1
│   │   │   ├── .key2
│   │   │   └── .key3
│   │   └── kitchen
│   └── foyer
│       └── .key5
└── .key4

6 directories, 5 files
eli@cis106:~/marstenHouse$ cd foyer/basement/guest_room/
eli@cis106:~/marstenHouse/foyer/basement/guest_room$ realpath .key1 .key2 .key3
/home/eli/marstenHouse/foyer/basement/guest_room/.key1
/home/eli/marstenHouse/foyer/basement/guest_room/.key2
/home/eli/marstenHouse/foyer/basement/guest_room/.key3
eli@cis106:~/marstenHouse/foyer/basement/guest_room$ cd ../../
eli@cis106:~/marstenHouse/foyer$ ls -a
. .. basement foyer .key4
eli@cis106:~/marstenHouse/foyer$ realpath .key4
/home/eli/marstenHouse/foyer/.key4
eli@cis106:~/marstenHouse/foyer$ cd foyer/
eli@cis106:~/marstenHouse/foyer/foyer$ ls -a
. .. .key5
eli@cis106:~/marstenHouse/foyer/foyer$ realpath .key5
/home/eli/marstenHouse/foyer/foyer/.key5
```

```
eli@cis106:~/marstenHouse/foyer/foyer$ _
```