

Lab 5

Q1

```
1: eli@cis106: /dev/cpu/0 ~
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: eli@cis106: ~/Documents ~
eli@cis106:~$ pwd
/home/eli
eli@cis106:~$ ls
cis106
colors
Desktop
Documents
Downloads
essentials.sh
essentials.sh.1
homework
'Markdown Cheat sheet For CIS 106 Linux Fundamentals.png'
Music
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

The screenshot shows a terminal window titled "Tilix: eli@cis106: ~/lab5files". The terminal displays a series of Linux command-line operations:

- cd /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
- cd ~/lab5files/
- ls -l -h
- total 6.5M
- File listing:
 - 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
- ls -l -h -S
- total 6.5M
- File listing:
 - 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
- ls -lhSiGg
- total 6.5M
- File listing:
 - 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
- 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 ▾ + ⌂ ↻ Tilix: eli@cis106: ~/marstenHouse Q ⌂ ⌂ ×  
1: eli@cis106: ~/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 ▾ + ⌂ ↻ Tilix: eli@cis106: ~/marstenHouse/foyer/foyer Q ⌂ ⌂ ×  
1: eli@cis106: ~/marstenHouse/foyer/foyer ~  
eli@cis106:~/marstenHouse$ 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$
```