

# Lab 5 Submission

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## Question 1

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

```
1/1  +  [ ]  [ ]  [ ]  Tilix: mif@cis106: ~/Documents  [ ]  [ ]  [ ]  [ ]  [ ]
1: mif@cis106: ~/Documents  [ ]  [ ]
mif@cis106:~$ cd
mif@cis106:~$ ls
cis106  Documents  essentials.sh  Pictures  scripts  Templates  vscode.sh
Desktop  Downloads  Music          Public    snap      Videos
mif@cis106:~$
mif@cis106:~$ cd Downloads/
mif@cis106:~/Downloads$ pwd
/home/mif/Downloads
mif@cis106:~/Downloads$ cd ../../
mif@cis106:/home$ pwd
/home
mif@cis106:/home$ cd mif/Documents/
mif@cis106:~/Documents$
```

## Question 2

```
1/1 + [ ] [ ] Tilix: mif@cis106: ~/lab5files
1: mif@cis106: ~/lab5files
mif@cis106:~$ cd /usr/share/
mif@cis106:/usr/share$ ls -A ~/lab5files
countries.json  document.docx  helloWorld.c  sample.xls  Ubuntu.pdf
csvfile.csv    globe.avi      Linux.pdf     Tux.png     website.html
mif@cis106:/usr/share$ cd ~/lab5files/
mif@cis106:~/lab5files$ 
mif@cis106:~/lab5files$ ls -lh
total 6.5M
-rw-rw-r-- 1 mif mif 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 mif mif 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 mif mif 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 mif mif 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 mif mif 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 mif mif 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 mif mif 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 mif mif 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 mif mif 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 mif mif 135K Feb 22 2022 website.html
mif@cis106:~/lab5files$ ls -lhs
total 6.5M
-rw-rw-r-- 1 mif mif 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 mif mif 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 mif mif 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 mif mif 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 mif mif 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 mif mif 135K Feb 22 2022 website.html
-rw-rw-r-- 1 mif mif 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 mif mif 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 mif mif 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 mif mif 76 Feb 22 2022 helloWorld.c
mif@cis106:~/lab5files$ ls -lhSGgi
total 6.5M
537900 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
537903 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
537906 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
537907 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
537905 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
537910 -rw-rw-r-- 1 135K Feb 22 2022 website.html
537902 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
537904 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
537909 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
537908 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
mif@cis106:~/lab5files$ ls -Xr
sample.xls  Ubuntu.pdf  countries.json  document.docx  helloWorld.c
Tux.png    Linux.pdf   website.html   csvfile.csv    globe.avi
mif@cis106:~/lab5files$
```

## Question 3

```

1: mif@cis106: ~/marstenHouse
├── common
├── current -> 4279
├── Templates
├── Videos
└── vscode.sh

49 directories, 95 files
mif@cis106:~$ cd marstenHouse
mif@cis106:~/marstenHouse$ tree -a
.
├── hallway
│   ├── hallway
│   │   └── .key4
│   └── master_bedroom
│       ├── dining_room
│       ├── foyer
│       │   └── .key3
│       ├── .key2
│       ├── .key5
│       └── master_bedroom
│           └── .key1
└── ...

7 directories, 5 files
mif@cis106:~/marstenHouse$

mif@cis106:~/marstenHouse$ cd attic
mif@cis106:~/marstenHouse/attic$ ls -a
. . . attic basement hallway
mif@cis106:~/marstenHouse/attic$ cd hallway
mif@cis106:~/marstenHouse/attic/hallway$ ls -a
. . . guest_room .key4 library
.. hallway kitchen
mif@cis106:~/marstenHouse/attic/hallway$ cd hallway
mif@cis106:~/marstenHouse/attic/hallway/hallway$ ls -a
. . .
mif@cis106:~/marstenHouse/attic/hallway/hallway$ pwd
/home/mif/marstenHouse/attic/hallway/hallway
mif@cis106:~/marstenHouse/attic/hallway/hallway$ cd ../../
mif@cis106:~/marstenHouse/attic$ ls
attic basement hallway
mif@cis106:~/marstenHouse/attic$ cd basement
mif@cis106:~/marstenHouse/attic/basement$ ls -a
. . . foyer guest_room
mif@cis106:~/marstenHouse/attic/basement$ cd guest_room
mif@cis106:~/marstenHouse/attic/basement/guest_room$ ls -a
. . .
mif@cis106:~/marstenHouse/attic/basement/guest_room$ ls
mif@cis106:~/marstenHouse/attic/basement/guest_room$ cd ../
mif@cis106:~/marstenHouse/attic/basement$ cd ../
mif@cis106:~/marstenHouse/attic$ ls
attic basement hallway
mif@cis106:~/marstenHouse/attic$ cd attic
mif@cis106:~/marstenHouse/attic/attic$ ls
mif@cis106:~/marstenHouse/attic/attic$ ls -a
. . . .key2
mif@cis106:~/marstenHouse/attic/attic$ pwd
/home/mif/marstenHouse/attic/attic
mif@cis106:~/marstenHouse/attic/attic$ cd ../../
mif@cis106:~/marstenHouse$ ls
attic foyer
mif@cis106:~/marstenHouse$ cd foyer
mif@cis106:~/marstenHouse/foyer$ ls
mif@cis106:~/marstenHouse/foyer$ ls -a
. . .
mif@cis106:~/marstenHouse/foyer$ cd ../
mif@cis106:~/marstenHouse$ cd attic

```

```
mif@cis106:~/marstenHouse/attic$ ls
attic basement hallway
mif@cis106:~/marstenHouse/attic$ cd basement
mif@cis106:~/marstenHouse/attic/basement$ ls
foyer guest_room
mif@cis106:~/marstenHouse/attic/basement$ ls -a
. . . foyer guest_room
mif@cis106:~/marstenHouse/attic/basement$ cd foyer
mif@cis106:~/marstenHouse/attic/basement/foyer$ ls
mif@cis106:~/marstenHouse/attic/basement/foyer$ ls -a
. . .
mif@cis106:~/marstenHouse/attic/basement/foyer$ cd .
mif@cis106:~/marstenHouse/attic/basement/foyer$ cd ..
mif@cis106:~/marstenHouse/attic/basement$ pwd
mif@cis106:~/marstenHouse/attic/basement$
```

```
mif@cis106:~/marstenHouse/foyer$ cd ../
mif@cis106:~/marstenHouse$ ls
attic foyer
mif@cis106:~/marstenHouse$ cd attic
mif@cis106:~/marstenHouse/attic$ ls
attic basement hallway
mif@cis106:~/marstenHouse/attic$ cd hallway
mif@cis106:~/marstenHouse/attic/hallway$ ls
guest_room hallway kitchen library
mif@cis106:~/marstenHouse/attic/hallway$ cd kitchen
mif@cis106:~/marstenHouse/attic/hallway/kitchen$
ls
mif@cis106:~/marstenHouse/attic/hallway/kitchen$
ls -a
. . . .key1
mif@cis106:~/marstenHouse/attic/hallway/kitchen$
pwd
/home/mif/marstenHouse/attic/hallway/kitchen
mif@cis106:~/marstenHouse/attic/hallway/kitchen$
```