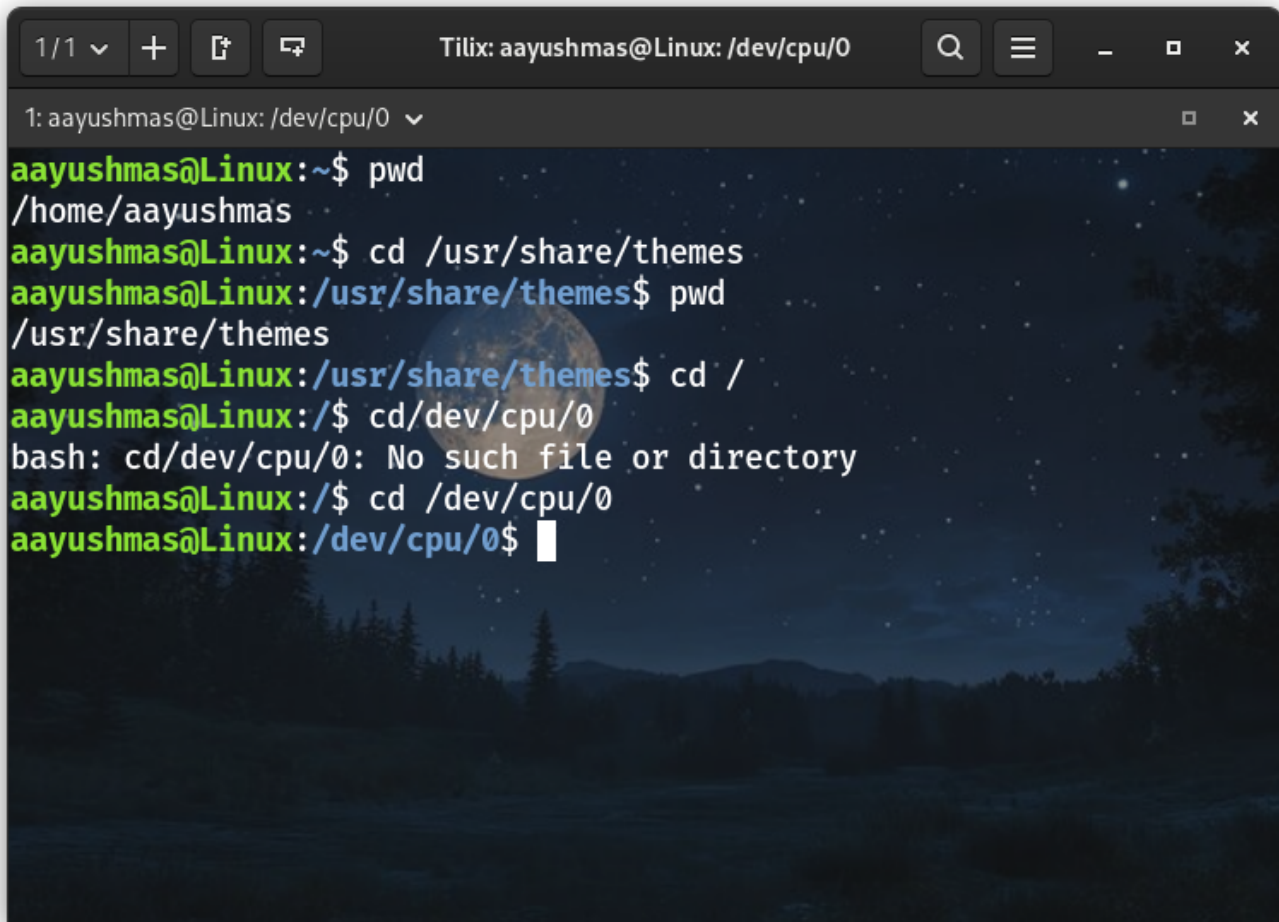


Lab 5 Submission

Question 1

A screenshot of a Linux terminal window titled 'Tilix: aayushmas@Linux: /dev/cpu/0'. The terminal shows a series of commands and their outputs. The user starts in the home directory, navigates to /usr/share/themes, returns to the root directory, and then attempts to navigate to /dev/cpu/0. The first attempt fails with an error message, but the second attempt is successful. The terminal background features a dark, scenic image of a forest at night with a full moon.

```
1/1 v + [ ] [ ] Tilix: aayushmas@Linux: /dev/cpu/0 Q [ ] - [ ] x
1: aayushmas@Linux: /dev/cpu/0 v
aayushmas@Linux:~$ pwd
/home/aayushmas
aayushmas@Linux:~$ cd /usr/share/themes
aayushmas@Linux:/usr/share/themes$ pwd
/usr/share/themes
aayushmas@Linux:/usr/share/themes$ cd /
aayushmas@Linux:/$ cd/dev/cpu/0
bash: cd/dev/cpu/0: No such file or directory
aayushmas@Linux:/$ cd /dev/cpu/0
aayushmas@Linux:/dev/cpu/0$
```

```

1/1 v + [ ] [ ] Tilix: aayushmas@Linux: ~/Documents
1: aayushmas@Linux: ~/Documents v
aayushmas@Linux:/dev/cpu/0$ cd ~
aayushmas@Linux:~$ cd
.cache/ Documents/ .local/ practicels/ snapshots/
cis106/ .dotnet/ .mozilla/ Public/ .ssh/
colors/ Downloads/ Music/ Scripts/ Templates/
.config/ .fonts/ Pictures/ .shutter/ Videos/
Desktop/ .gnupg/ .pki/ snap/ .vscode/
aayushmas@Linux:~$ cd Downloads/
aayushmas@Linux:~/Downloads$ cd ../../
aayushmas@Linux:/home$ pwd
/home
aayushmas@Linux:/home$ cd aayushmas/
.cache/ Documents/ .local/ practicels/ snapshots/
cis106/ .dotnet/ .mozilla/ Public/ .ssh/
colors/ Downloads/ Music/ Scripts/ Templates/
.config/ .fonts/ Pictures/ .shutter/ Videos/
Desktop/ .gnupg/ .pki/ snap/ .vscode/
aayushmas@Linux:/home$ cd aayushmas/Documents/
aayushmas@Linux:~/Documents$

```

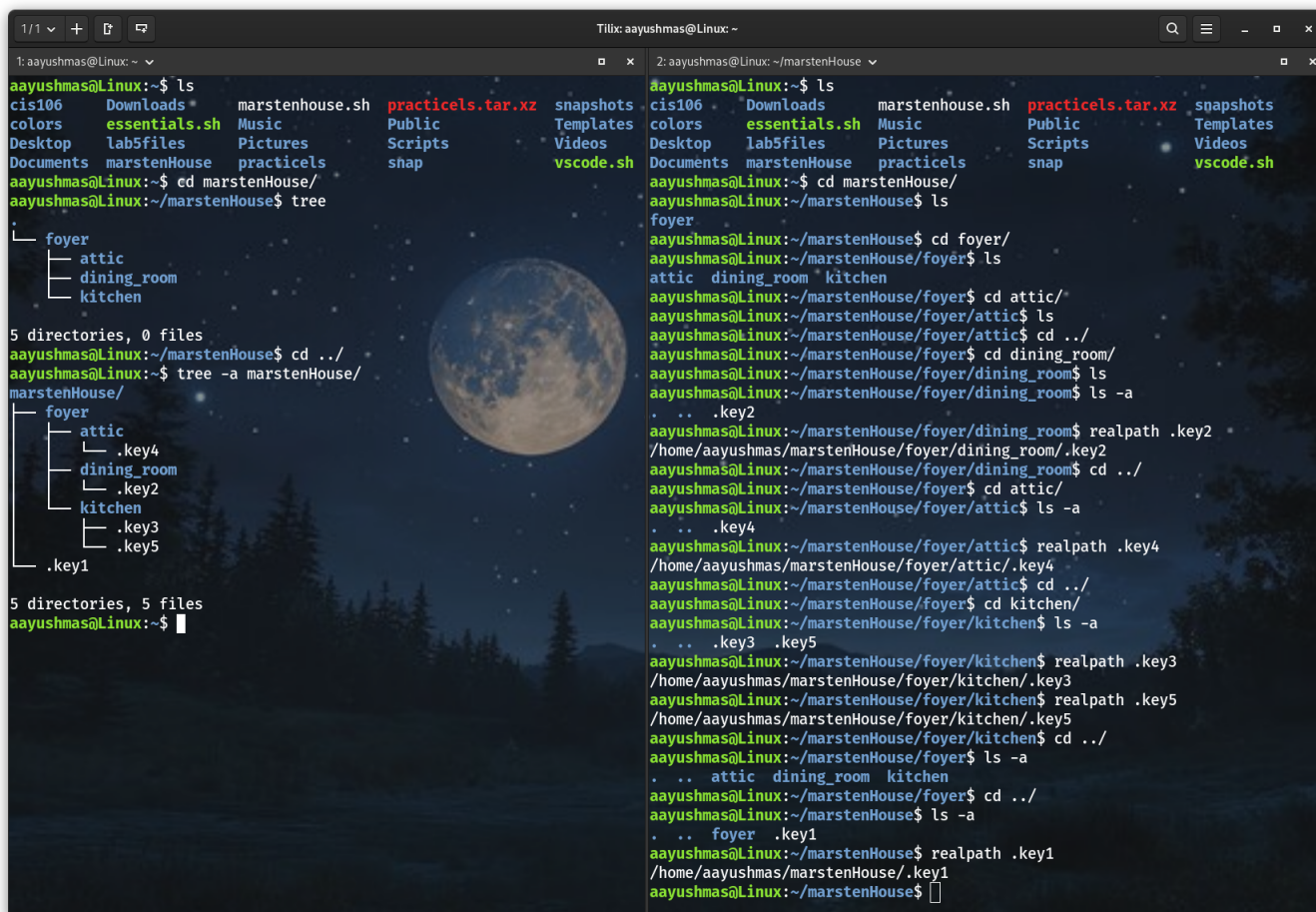
Question 2

```

1/1 v + [ ] [ ] Tilix: aayushmas@Linux: ~/lab5files
1: aayushmas@Linux: ~/lab5files v
aayushmas@Linux:~$ cd /usr/share/
aayushmas@Linux:/usr/share$ ls /home/aayushmas/lab5files/
countries.json document.docx helloWorld.c sample.xls Ubuntu.pdf
csvfile.csv globe.avi Linux.pdf Tux.png website.html
aayushmas@Linux:/usr/share$ cd ~/lab4files
bash: cd: /home/aayushmas/lab4files: No such file or directory
aayushmas@Linux:/usr/share$ cd ~/lab5files
aayushmas@Linux:~/lab5files$ ls -hl
total 6.5M
-rw-rw-r-- 1 aayushmas aayushmas 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 aayushmas aayushmas 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 aayushmas aayushmas 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 aayushmas aayushmas 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 aayushmas aayushmas 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 aayushmas aayushmas 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 aayushmas aayushmas 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 aayushmas aayushmas 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 aayushmas aayushmas 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 aayushmas aayushmas 135K Feb 22 2022 website.html
aayushmas@Linux:~/lab5files$ ls -hls
total 6.5M
-rw-rw-r-- 1 aayushmas aayushmas 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 aayushmas aayushmas 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 aayushmas aayushmas 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 aayushmas aayushmas 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 aayushmas aayushmas 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 aayushmas aayushmas 135K Feb 22 2022 website.html
-rw-rw-r-- 1 aayushmas aayushmas 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 aayushmas aayushmas 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 aayushmas aayushmas 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 aayushmas aayushmas 76 Feb 22 2022 helloWorld.c
aayushmas@Linux:~/lab5files$ ls -hlsGig
total 6.5M
1573987 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
1573989 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
1574010 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
1574011 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
1574005 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
1574014 -rw-rw-r-- 1 135K Feb 22 2022 website.html
1573988 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
1573990 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
1574013 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
1574012 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
aayushmas@Linux:~/lab5files$ ls -rX
sample.xls Ubuntu.pdf countries.json document.docx helloWorld.c
Tux.png Linux.pdf website.html csvfile.csv globe.avi
aayushmas@Linux:~/lab5files$

```

Question 3



```

1/1 + - x
Tilix: aayushmas@Linux: ~

1: aayushmas@Linux: ~
aayushmas@Linux:~$ ls
cis106  Downloads  marstenhouse.sh  practicels.tar.xz  snapshots
colors  essentials.sh  Music            Public            Templates
Desktop lab5files    Pictures         Scripts           Videos
Documents marstenHouse practicels       snap             vscode.sh
aayushmas@Linux:~$ cd marstenHouse/
aayushmas@Linux:~/marstenHouse$ tree
.
├── foyer
│   ├── attic
│   ├── dining_room
│   └── kitchen
└── .key1

5 directories, 0 files
aayushmas@Linux:~/marstenHouse$ cd ../
aayushmas@Linux:~$ tree -a marstenHouse/
marstenHouse/
├── foyer
│   ├── attic
│   │   ├── .key4
│   │   ├── dining_room
│   │   │   ├── .key2
│   │   │   └── kitchen
│   │   │       ├── .key3
│   │   │       └── .key5
│   └── .key1
└── .key1

5 directories, 5 files
aayushmas@Linux:~$

2: aayushmas@Linux: ~/marstenHouse
aayushmas@Linux:~$ ls
cis106  Downloads  marstenhouse.sh  practicels.tar.xz  snapshots
colors  essentials.sh  Music            Public            Templates
Desktop lab5files    Pictures         Scripts           Videos
Documents marstenHouse practicels       snap             vscode.sh
aayushmas@Linux:~$ cd marstenHouse/
aayushmas@Linux:~/marstenHouse$ ls
foyer
aayushmas@Linux:~/marstenHouse$ cd foyer/
aayushmas@Linux:~/marstenHouse/foyer$ ls
attic dining_room kitchen
aayushmas@Linux:~/marstenHouse/foyer$ cd attic/
aayushmas@Linux:~/marstenHouse/foyer/attic$ ls
aayushmas@Linux:~/marstenHouse/foyer/attic$ cd ../
aayushmas@Linux:~/marstenHouse/foyer$ cd dining_room/
aayushmas@Linux:~/marstenHouse/foyer/dining_room$ ls
aayushmas@Linux:~/marstenHouse/foyer/dining_room$ ls -a
.  .. .key2
aayushmas@Linux:~/marstenHouse/foyer/dining_room$ realpath .key2
/home/aayushmas/marstenHouse/foyer/dining_room/.key2
aayushmas@Linux:~/marstenHouse/foyer/dining_room$ cd ../
aayushmas@Linux:~/marstenHouse/foyer$ cd attic/
aayushmas@Linux:~/marstenHouse/foyer/attic$ ls -a
.  .. .key4
aayushmas@Linux:~/marstenHouse/foyer/attic$ realpath .key4
/home/aayushmas/marstenHouse/foyer/attic/.key4
aayushmas@Linux:~/marstenHouse/foyer/attic$ cd ../
aayushmas@Linux:~/marstenHouse/foyer$ cd kitchen/
aayushmas@Linux:~/marstenHouse/foyer/kitchen$ ls -a
.  .. .key3 .key5
aayushmas@Linux:~/marstenHouse/foyer/kitchen$ realpath .key3
/home/aayushmas/marstenHouse/foyer/kitchen/.key3
aayushmas@Linux:~/marstenHouse/foyer/kitchen$ realpath .key5
/home/aayushmas/marstenHouse/foyer/kitchen/.key5
aayushmas@Linux:~/marstenHouse/foyer/kitchen$ cd ../
aayushmas@Linux:~/marstenHouse/foyer$ ls -a
.  .. attic dining_room kitchen
aayushmas@Linux:~/marstenHouse/foyer$ cd ../
aayushmas@Linux:~/marstenHouse$ ls -a
.  .. foyer .key1
aayushmas@Linux:~/marstenHouse$ realpath .key1
/home/aayushmas/marstenHouse/.key1
aayushmas@Linux:~/marstenHouse$

```