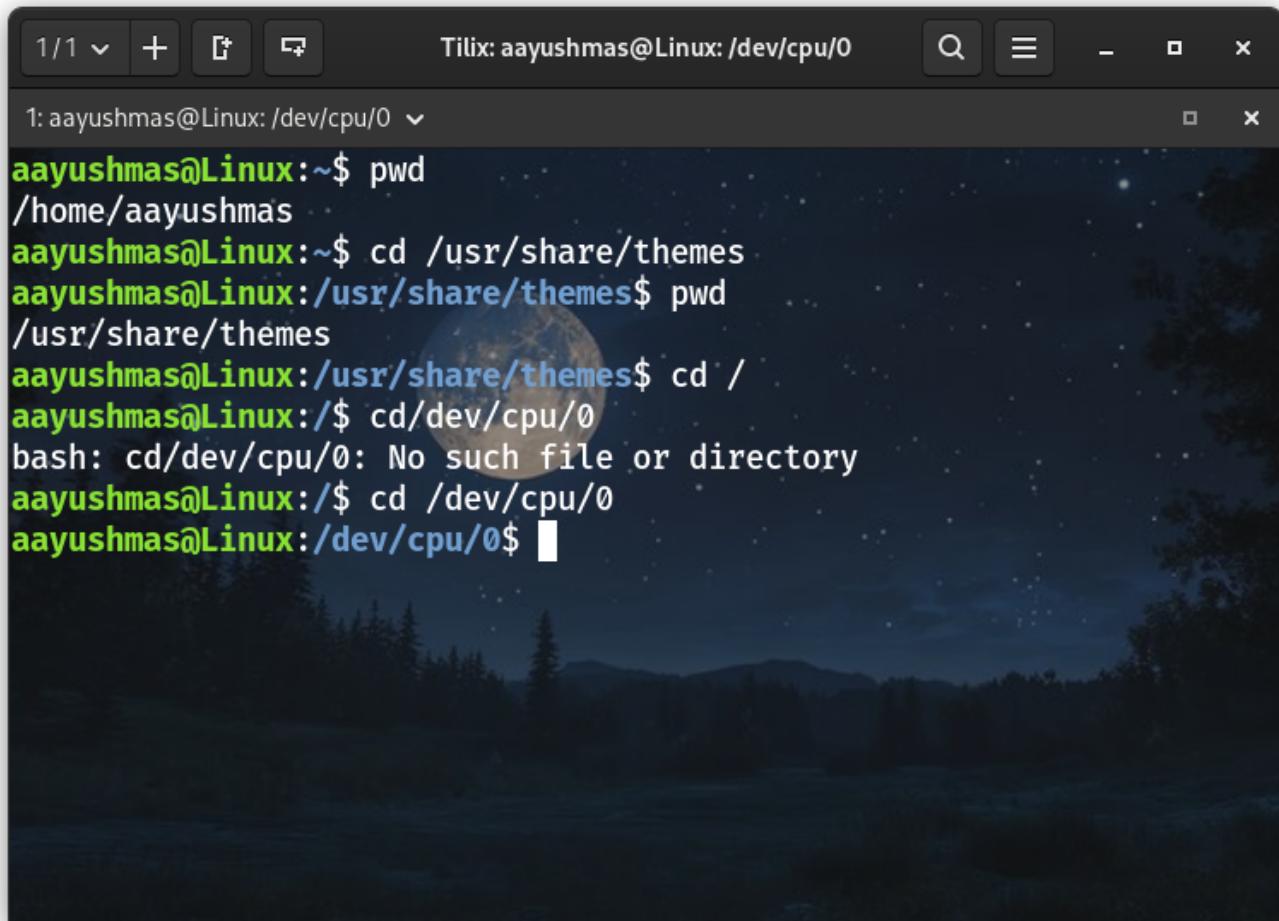


# Lab 5 Submission

## Question 1



The screenshot shows a terminal window titled "Tilix: aayushmas@Linux: /dev/cpu/0". The terminal has a dark background with a forest scene at night. The session log is as follows:

```
1: aayushmas@Linux: /dev/cpu/0 ~
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: aayushmas@Linux: ~/Documents
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

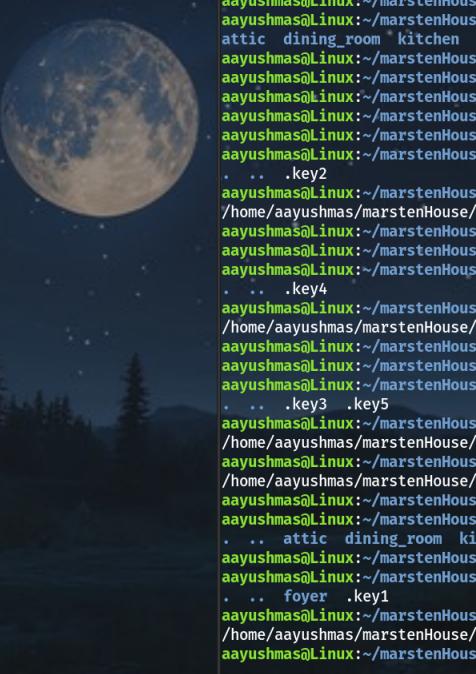
```

1:aayushmas@Linux:~/lab5files
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 -hlsGig
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 -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: 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

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