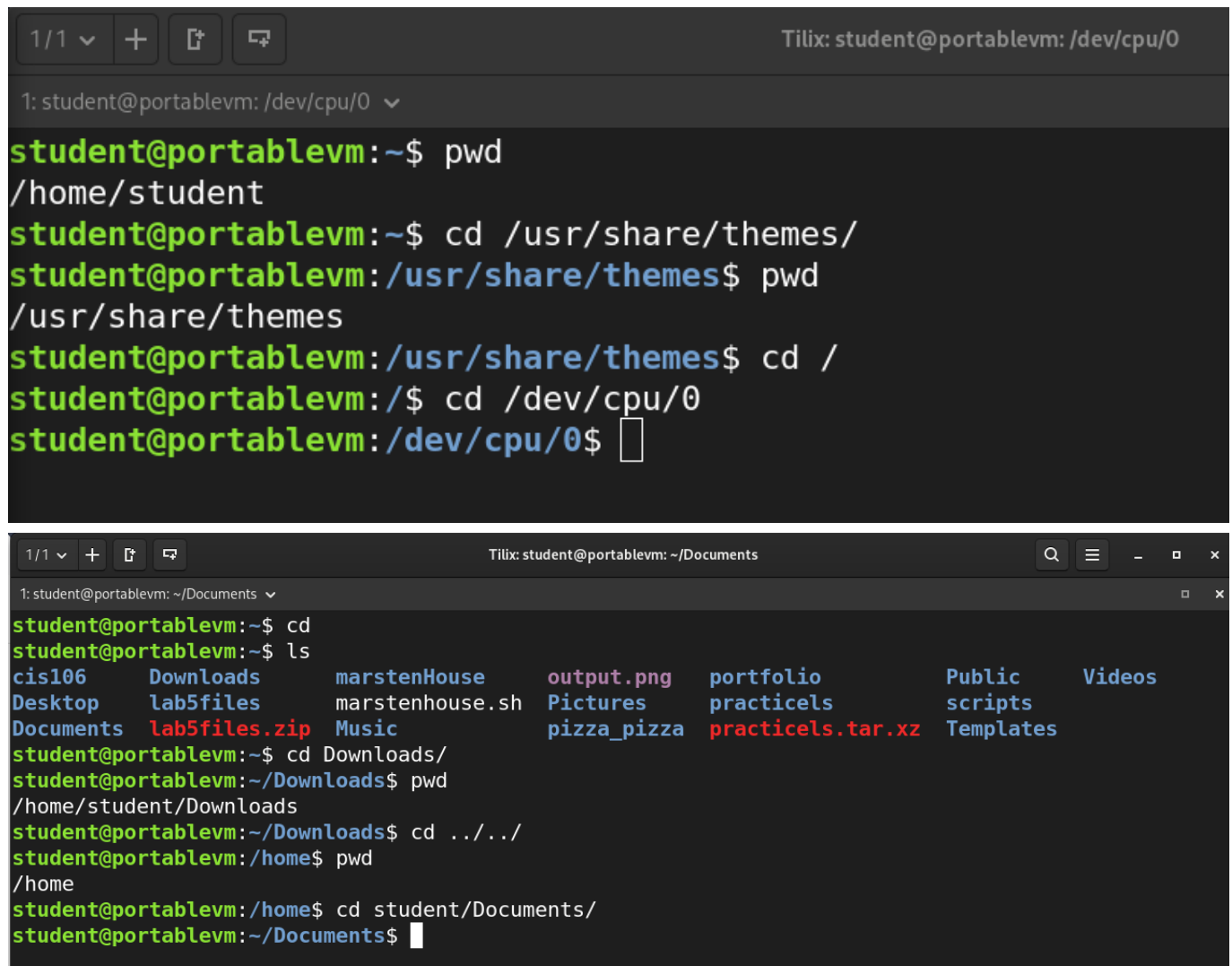


Lab 5

Q1



The image shows two screenshots of a terminal window. The top screenshot shows a sequence of commands to navigate from the home directory to /dev/cpu/0. The bottom screenshot shows a sequence of commands to navigate from the home directory to ~/Documents.

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

```
1/1 v + [ ] [ ] Tilix: student@portablevm: ~/Documents
1: student@portablevm: ~/Documents v
student@portablevm:~$ cd
student@portablevm:~$ ls
cis106      Downloads  marstenHouse  output.png    portfolio    Public        Videos
Desktop    lab5files  marstenhouse.sh Pictures       practicels   scripts
Documents  lab5files.zip Music         pizza_pizza   practicels.tar.xz Templates
student@portablevm:~$ cd Downloads/
student@portablevm:~/Downloads$ pwd
/home/student/Downloads
student@portablevm:~/Downloads$ cd ../../
student@portablevm:/home$ pwd
/home
student@portablevm:/home$ cd student/Documents/
student@portablevm:~/Documents$
```

Q2

```

1/1 + [ ] [ ] [ ]
Tilix: student@portablevm: ~/lab5files

1: student@portablevm: ~/lab5files
student@portablevm:~$ cd /usr/share/
student@portablevm:/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
student@portablevm:/usr/share$ cd ~/lab5files/
student@portablevm:~/lab5files$ ls -lh
total 6.5M
-rw-rw-r-- 1 student student 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 student student 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 student student 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 student student 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 student student 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 student student 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 student student 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 student student 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 student student 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 student student 135K Feb 22 2022 website.html
student@portablevm:~/lab5files$ ls -lhs
total 6.5M
-rw-rw-r-- 1 student student 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 student student 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 student student 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 student student 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 student student 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 student student 135K Feb 22 2022 website.html
-rw-rw-r-- 1 student student 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 student student 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 student student 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 student student 76 Feb 22 2022 helloWorld.c
student@portablevm:~/lab5files$ ls -lhSGgi
total 6.5M
1441863 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
1441865 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
1441868 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
1441869 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
1441867 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
1441872 -rw-rw-r-- 1 135K Feb 22 2022 website.html
1441864 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
1441866 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
1441871 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
1441870 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
student@portablevm:~/lab5files$ ls -AlhSGgi
total 6.5M
1441863 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
1441865 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
1441868 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
1441869 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
1441867 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
1441872 -rw-rw-r-- 1 135K Feb 22 2022 website.html
1441864 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
1441866 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
1441871 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
1441870 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
student@portablevm:~/lab5files$ ls -Xr
sample.xls  Ubuntu.pdf  countries.json  document.docx  helloWorld.c
Tux.png    Linux.pdf  website.html    csvfile.csv    globe.avi
student@portablevm:~/lab5files$

```

Q3

```
1/1 + - 1/1
Title: student@portablevm: ~/marstenHouse

1: student@portablevm: ~/marstenHouse
I am trapped in the Marsten House.
I must move slowly - room by room.
    I must not make any noise.
I will get out. Once I find those keys, I will be free
student@portablevm:~/marstenHouse$ echo "I found 1 key"
I found 1 key
student@portablevm:~/marstenHouse$ [REDACTED]key4
[REDACTED]key4
student@portablevm:~/marstenHouse$ [REDACTED]

2: student@portablevm: ~/marstenHouse
Here is my map.
In this terminal window I will display a map.
The map will help me navigate the house.
I know there is a way to see these rooms like tree.
If I can do that, I will know the location of the keys
and which rooms are connected
I must remember the manual. It is my only help
student@portablevm:~/marstenHouse/
[REDACTED]

6 directories, 5 files
student@portablevm:~/marstenHouse$ [REDACTED]
```