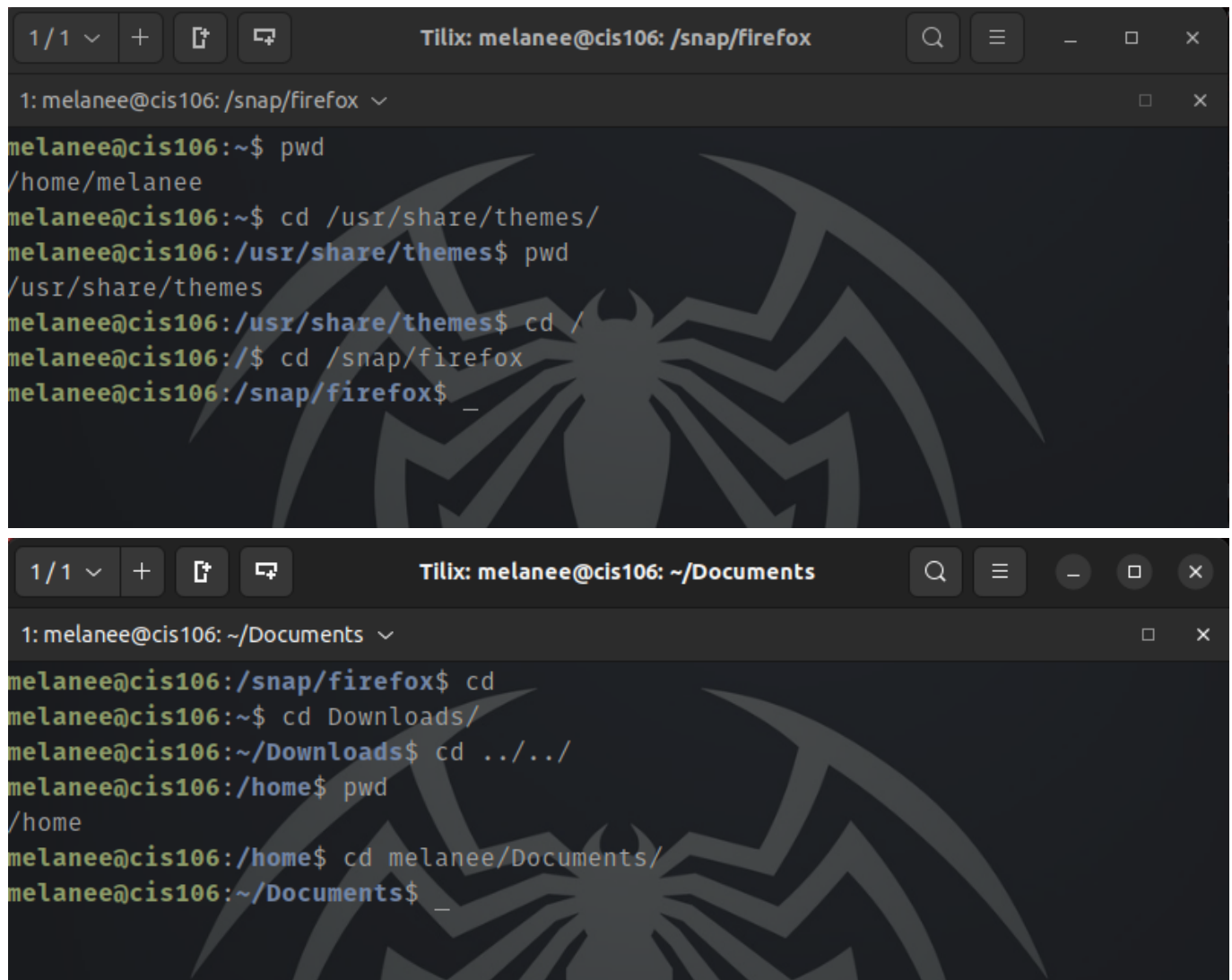


Lab 4 The Linux FS

Question 1



The image shows two terminal windows from the Tilix application. The top window is titled 'Tilix: melanee@cis106: /snap/firefox' and shows a series of commands: 'pwd' (returns /home/melanee), 'cd /usr/share/themes/' (returns /usr/share/themes), 'pwd' (returns /usr/share/themes), 'cd /' (returns /), 'cd /snap/firefox' (returns /snap/firefox), and a final prompt. The bottom window is titled 'Tilix: melanee@cis106: ~/Documents' and shows: 'cd' (returns /snap/firefox), 'cd Downloads/' (returns ~/Downloads), 'cd ../../' (returns /home), 'pwd' (returns /home), 'cd melanee/Documents/' (returns ~/Documents), and a final prompt. Both windows have a dark theme and a large spider graphic in the background.

```
1/1 ▾ + [ ] [ ] Tilix: melanee@cis106: /snap/firefox 🔍 ☰ - □ ×  
1: melanee@cis106: /snap/firefox ▾ □ ×  
melanee@cis106:~$ pwd  
/home/melanee  
melanee@cis106:~$ cd /usr/share/themes/  
melanee@cis106:/usr/share/themes$ pwd  
/usr/share/themes  
melanee@cis106:/usr/share/themes$ cd /  
melanee@cis106:/$ cd /snap/firefox  
melanee@cis106:/snap/firefox$ _  
  
1/1 ▾ + [ ] [ ] Tilix: melanee@cis106: ~/Documents 🔍 ☰ - □ ×  
1: melanee@cis106: ~/Documents ▾ □ ×  
melanee@cis106:/snap/firefox$ cd  
melanee@cis106:~$ cd Downloads/  
melanee@cis106:~/Downloads$ cd ../../  
melanee@cis106:/home$ pwd  
/home  
melanee@cis106:/home$ cd melanee/Documents/  
melanee@cis106:~/Documents$ _
```

Question 2


```

1: melanee@cis106: ~/lab4files
melanee@cis106:~/Documents$ cd /usr/share/
melanee@cis106:/usr/share$ ls /home/melanee/lab4files/
countries.json  document.docx  helloWorld.c  sample.xls  Ubuntu.pdf
csvfile.csv    globe.avi      Linux.pdf     Tux.png     website.html
melanee@cis106:/usr/share$ cd ~/lab4files/
melanee@cis106:~/lab4files$ ls -l
total 6580
-rw-rw-r-- 1 melanee melanee 20471 Feb 22 2022 countries.json
-rw-rw-r-- 1 melanee melanee 284042 Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 melanee melanee 764176 Feb 22 2022 document.docx
-rw-rw-r-- 1 melanee melanee 742478 Feb 22 2022 globe.avi
-rw-rw-r-- 1 melanee melanee 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 melanee melanee 2600138 Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 melanee melanee 8704 Feb 22 2022 sample.xls
-rw-rw-r-- 1 melanee melanee 42777 Feb 22 2022 Tux.png
-rw-rw-r-- 1 melanee melanee 2114053 Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 melanee melanee 137453 Feb 22 2022 website.html
melanee@cis106:~/lab4files$ ls -lh
total 6.5M
-rw-rw-r-- 1 melanee melanee 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 melanee melanee 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 melanee melanee 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 melanee melanee 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 melanee melanee 76 Feb 22 2022 helloWorld.c
-rw-rw-r-- 1 melanee melanee 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 melanee melanee 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 melanee melanee 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 melanee melanee 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 melanee melanee 135K Feb 22 2022 website.html
melanee@cis106:~/lab4files$ ls -lhs
total 6.5M
-rw-rw-r-- 1 melanee melanee 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 melanee melanee 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 melanee melanee 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 melanee melanee 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 melanee melanee 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 melanee melanee 135K Feb 22 2022 website.html
-rw-rw-r-- 1 melanee melanee 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 melanee melanee 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 melanee melanee 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 melanee melanee 76 Feb 22 2022 helloWorld.c

```

```

1: melanee@cis106: ~/lab4files
-rw-rw-r-- 1 melanee melanee 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 melanee melanee 76 Feb 22 2022 helloWorld.c
melanee@cis106:~/lab4files$ ls -lhSg
total 6.5M
-rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 747K Feb 22 2022 document.docx
-rw-rw-r-- 1 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
-rw-rw-r-- 1 135K Feb 22 2022 website.html
-rw-rw-r-- 1 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 20K Feb 22 2022 countries.json
-rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
melanee@cis106:~/lab4files$ ls -lhSgI
total 6.5M
1618317 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf

```

```
1618331 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
1618334 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
1618335 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
1618333 -rw-rw-r-- 1 278K Feb 22 2022 csvfile.csv
1618338 -rw-rw-r-- 1 135K Feb 22 2022 website.html
1583696 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
1618330 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
1618337 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
1618336 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
melanee@cis106:~/lab4files$ ls -Xr
sample.xls  Ubuntu.pdf  countries.json  document.docx  helloWorld.c
Tux.png    Linux.pdf   website.html    csvfile.csv    globe.avi
melanee@cis106:~/lab4files$ ls -Xr1
sample.xls
Tux.png
Ubuntu.pdf
Linux.pdf
countries.json
website.html
document.docx
csvfile.csv
helloWorld.c
globe.avi
melanee@cis106:~/lab4files$ _
```

```
melanee@cis106:~/lab4files$ ls -Xr1
sample.xls
Tux.png
Ubuntu.pdf
Linux.pdf
countries.json
website.html
document.docx
csvfile.csv
helloWorld.c
globe.avi
melanee@cis106:~/lab4files$
```

Question 4

Question 5