Lab 4 The Linux FS

Question 1

```
jhopkinswalker@cis106: /snap/firefox Q = - □ x
jhopkinswalker@cis106:~$ pwd
/home/jhopkinswalker
jhopkinswalker@cis106:~$ cd /usr/share/themes
jhopkinswalker@cis106:/usr/share/themes$ cd /
jhopkinswalker@cis106:/$ cd /snap/firefox
jhopkinswalker@cis106:/$ snap/firefox$
```

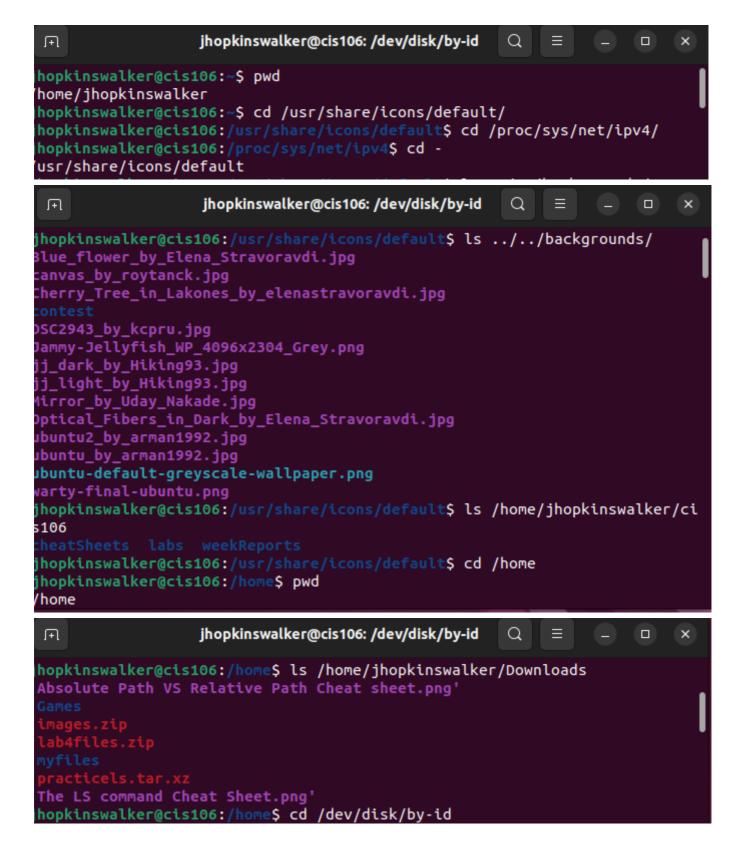
2q1.2

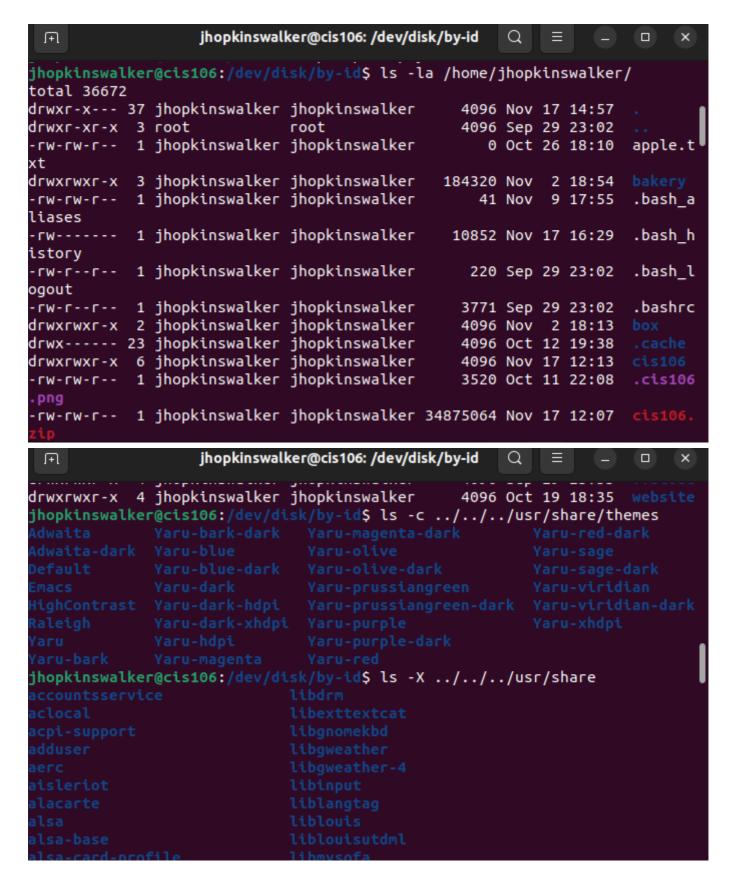
Question 2

jhopkinswalker@cis106: ~/lab4files jhopkinswalker@cis106:~/Documents\$ cd /usr/share/ jhopkinswalker@cis106:/usr/share\$ ls /home/jhopkinswalker/lab4files/ countries.json document.docx helloWorld.c sample.xls Ubuntu.pdf website.html csvfile.csv globe.avi Linux.pdf Tux.png jhopkinswalker@cis106:/usr/share\$ cd ~/lab4files/ jhopkinswalker@cis106:~/lab4files\$ ls -l total 6580 -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 20471 Feb 22 2022 countries.json -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 284042 Feb 22 2022 csvfile.csv rw-rw-r-- 1 jhopkinswalker jhopkinswalker 764176 Feb 22 2022 document.docxrw-rw-r-- 1 jhopkinswalker jhopkinswalker 742478 Feb 22 2022 globe.avirw-rw-r-- 1 jhopkinswalker jhopkinswalker 76 Feb 22 2022 helloWorld.c rw-rw-r-- 1 jhopkinswalker jhopkinswalker 2600138 Feb 22 2022 Linux.pdf rw-rw-r-- 1 jhopkinswalker jhopkinswalker 8704 Feb 22 2022 sample.xls -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 42777 Feb 22 -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 2114053 Feb 22 -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 137453 Feb 22 2022 Tux.png 2022 Ubuntu.pdf 2022 website.html jhopkinswalker@cis106:~/lab4files\$ ls -lh total 6.5M -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 20K Feb 22 2022 countries.json -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 278K Feb 22 2022 csvfile.csv rw-rw-r-- 1 jhopkinswalker jhopkinswalker 747K Feb 22 2022 document.docx rw-rw-r-- 1 jhopkinswalker jhopkinswalker 726K Feb 22 2022 globe.avi -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 76 Feb 22 2022 helloWorld.c -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 2.5M Feb 22 2022 Linux.pdf -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 8.5K Feb 22 2022 sample.xls -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 42K Feb 22 -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 2.1M Feb 22 -rw-rw-r-- 1 jhopkinswalker jhopkinswalker 135K Feb 22 2022 Tux.png 2022 Ubuntu.pdf 2022 website.html hopkinswalker@cis106:~/lab4files\$ ls -lhS otal 6.5M rw-rw-r-- 1 jhopkinswalker jhopkinswalker 2.5M Feb 22 2022 Linux.pdf rw-rw-r-- 1 jhopkinswalker jhopkinswalker 2.1M Feb 22 2022 Ubuntu.pdf rw-rw-r-- 1 jhopkinswalker jhopkinswalker 747K Feb 22 2022 document.docx rw-rw-r-- 1 jhopkinswalker jhopkinswalker 726K Feb 22 2022 globe.avi rw-rw-r-- 1 jhopkinswalker jhopkinswalker 278K Feb 22 2022 csvfile.csv rw-rw-r-- 1 jhopkinswalker jhopkinswalker 135K Feb 22 2022 website.html rw-rw-r-- 1 jhopkinswalker jhopkinswalker 42K Feb 22 2022 Tux.png rw-rw-r-- 1 jhopkinswalker jhopkinswalker 20K Feb 22 2022 countries.json rw-rw-r-- 1 jhopkinswalker jhopkinswalker 8.5K Feb 22 2022 sample.xls rw-rw-r-- 1 jhopkinswalker jhopkinswalker 76 Feb 22 2022 helloWorld.c hopkinswalker@cis106:~/lab4files\$ ls -lhSgG otal 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 ГW-ГW-Г-- 1 42K Feb 22 2022 Tux.png rw-rw-r-- 1 20K Feb 22 2022 countries.ison гw-гw-г-- 1 8.5K Feb 22 2022 sample.xls ΓW-ΓW-Γ-- 1 76 Feb 22 2022 helloWorld.c hopkinswalker@cis106:~/lab4files\$ ls -lhSgGi otal 6.5M l609787 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf .609789 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf .609792 -rw-rw-r-- 1 747K Feb 22 2022 document.docx

```
2022 globe.avi
.609793 -rw-rw-r-- 1 726K Feb 22
.609791 -rw-rw-r-- 1 278K Feb 22
                                      2022 csvfile.csv
                                      2022 website.html
l609796 -rw-rw-r-- 1 135K Feb 22
.609788 -rw-rw-r-- 1
                        42K Feb 22
                                      2022 Tux.png
.609790 -rw-rw-r-- 1 20K Feb 22
                                      2022 countries.json
.609795 -rw-rw-r-- 1 8.5K Feb 22
                                      2022 sample.xls
                                      2022 helloWorld.c
.609794 -rw-rw-r-- 1
                         76 Feb 22
jhopkinswalker@cis106:~/lab4files$ ls -Xr
sample.xls Ubuntu.pdf
                         countries.json
                                             document.docx
                                                              helloWorld.c
             Linux.pdf
                           website.html
                                             csvfile.csv
                                                              globe.avi
Tux.png
jhopkinswalker@cis106:~/lab4files$ ls -Xrl
total 6580
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker
                                                    8704 Feb 22
                                                                  2022 sample.xls
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker
                                                   42777 Feb 22
                                                                   2022 Tux.png
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker 2114053 Feb 22
                                                                  2022 Ubuntu.pdf
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker 2600138 Feb 22
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker 20471 Feb 22
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker 137453 Feb 22
                                                                  2022 Linux.pdf
                                                                  2022 countries.json
                                                                  2022 website.html
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker 764176 Feb 22
                                                                  2022 document.docx
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker
                                                 284042 Feb 22
                                                                  2022 csvfile.csv
                                                      76 Feb 22
                                                                   2022 helloWorld.c
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker
                                                 742478 Feb 22
                                                                  2022 globe.avi
jhopkinswalker@cis106:~/lab4files$ ls -Xr1
sample.xls
Tux.png
Ubuntu.pdf
Linux.pdf
countries.json
website.html
document.docx
csvfile.csv
helloWorld.c
globe.avi
jhopkinswalker@cis106:~/lab4files$
```

Questions 4





Question 5

