Lab 4 The Linux FS

Question 1

Question 1.2

Question 2.1

```
ssgunthrope@cis106vm:~$ cd /usr/share/
ssgunthrope@cis106vm:/usr/share$ ls /home/ssgunthrope/lab4files/
countries.json  document.docx  helloWorld.c  sample.xls  Ubuntu.pdf
csvfile.csv     globe.avi       Linux.pdf     Tux.png     website.html
ssgunthrope@cis106vm:/usr/share$ cd ~/lab4files/
ssgunthrope@cis106vm:~/lab4files$ ls -lh
total 6.5M
-rw-rw-r-- 1 ssgunthrope ssgunthrope  20K Feb 22  2022 countries.json
-rw-rw-r-- 1 ssgunthrope ssgunthrope 278K Feb 22  2022 csvfile.csv
-rw-rw-r-- 1 ssgunthrope ssgunthrope 747K Feb 22  2022 document.docx
-rw-rw-r-- 1 ssgunthrope ssgunthrope 726K Feb 22  2022 globe.avi
-rw-rw-r-- 1 ssgunthrope ssgunthrope   76 Feb 22  2022 helloWorld.c
-rw-rw-r-- 1 ssgunthrope ssgunthrope 2.5M Feb 22  2022 Linux.pdf
-rw-rw-r-- 1 ssgunthrope ssgunthrope 8.5K Feb 22  2022 sample.xls
-rw-rw-r-- 1 ssgunthrope ssgunthrope  42K Feb 22  2022 Tux.png
-rw-rw-r-- 1 ssgunthrope ssgunthrope 2.1M Feb 22  2022 Ubuntu.pdf
-rw-rw-r-- 1 ssgunthrope ssgunthrope 135K Feb 22  2022 website.html
ssgunthrope@cis106vm:~/lab4files$ ls -lhS
total 6.5M
-rw-rw-r-- 1 ssgunthrope ssgunthrope 2.5M Feb 22  2022 Linux.pdf
-rw-rw-r-- 1 ssgunthrope ssgunthrope 2.1M Feb 22  2022 Ubuntu.pdf
-rw-rw-r-- 1 ssgunthrope ssgunthrope 747K Feb 22  2022 document.docx
-rw-rw-r-- 1 ssgunthrope ssgunthrope 726K Feb 22  2022 globe.avi
-rw-rw-r-- 1 ssgunthrope ssgunthrope 278K Feb 22  2022 csvfile.csv
-rw-rw-r-- 1 ssgunthrope ssgunthrope 135K Feb 22  2022 website.html
-rw-rw-r-- 1 ssgunthrope ssgunthrope  42K Feb 22  2022 Tux.png
-rw-rw-r-- 1 ssgunthrope ssgunthrope  20K Feb 22  2022 countries.json
-rw-rw-r-- 1 ssgunthrope ssgunthrope 8.5K Feb 22  2022 sample.xls
-rw-rw-r-- 1 ssgunthrope ssgunthrope   76 Feb 22  2022 helloWorld.c
```

Question 2.2

```
ssgunthrope@cis106vm:~/lab4files$ ls -lhSgGi
total 6.5M
1332586 -rw-rw-r-- 1 2.5M Feb 22  2022 Linux.pdf
1332592 -rw-rw-r-- 1 2.1M Feb 22  2022 Ubuntu.pdf
1332604 -rw-rw-r-- 1 747K Feb 22  2022 document.docx
1332607 -rw-rw-r-- 1 726K Feb 22  2022 globe.avi
1332601 -rw-rw-r-- 1 278K Feb 22  2022 csvfile.csv
1332616 -rw-rw-r-- 1 135K Feb 22  2022 website.html
1332589 -rw-rw-r-- 1  42K Feb 22  2022 Tux.png
1332598 -rw-rw-r-- 1  20K Feb 22  2022 countries.json
1332613 -rw-rw-r-- 1 8.5K Feb 22  2022 sample.xls
1332610 -rw-rw-r-- 1   76 Feb 22  2022 helloWorld.c
ssgunthrope@cis106vm:~/lab4files$ ls -Xr
sample.xls  Ubuntu.pdf  countries.json  document.docx  helloWorld.c
Tux.png     Linux.pdf   website.html    csvfile.csv    globe.avi
```

Question 5.1

```
ssgunthrope@cis106vm:/$ pwd
/
ssgunthrope@cis106vm:/$ cd home/
ssgunthrope@cis106vm:/home$ cd ssgunthrope/
ssgunthrope@cis106vm:~$ cd Downloads/
ssgunthrope@cis106vm:~/Downloads$ _
```

Question 5.2

```
ssgunthrope@cis106vm:/usr/share/themes/Adwaita$ cd ../..
ssgunthrope@cis106vm:/usr/share$ cd /home/ssgunthrope/
ssgunthrope@cis106vm:~$ cd ~/Documents/
ssgunthrope@cis106vm:~/Documents$ pwd
/home/ssgunthrope/Documents
ssgunthrope@cis106vm:~/Documents$
```