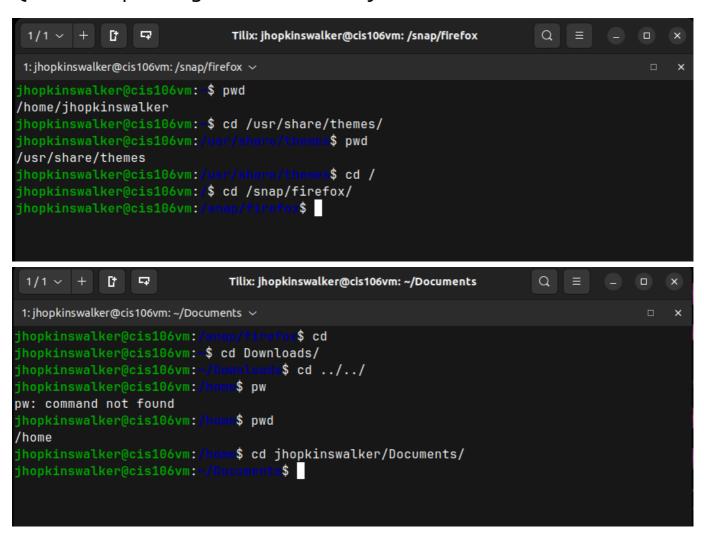
Lab 4 Submission

Question 1 | Moving Around the file System

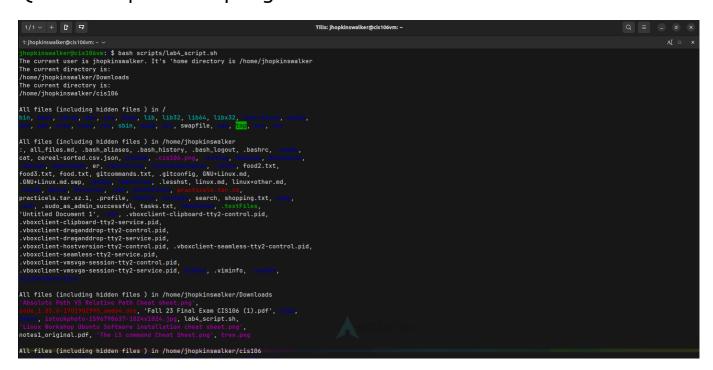


Question 2 | The ls Command

```
Tilix: jhopkinswalker@
 1/1 ~ +
            D†
                다
 1: jhopkinswalker@cis106vm: ~/lab4files ~
                                                                                      A] 🗆
                                                                                             ×
jhopkinswalker@cis106vm:~$ cd /usr/share/
jhopkinswalker@cis106vm:/usr/
                                   $ ls ~/lab4files
                               helloWorld.c sample.xls
                                                          Ubuntu.pdf
countries.json document.docx
csvfile.csv
                                Linux.pdf
                                                           website.html
                                   $ cd ~/lab4files/
jhopkinswalker@cis106vm:~/lab4
                                    $ 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.av
                                                          2022 helloWorld.c
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker
                                              76 Feb 22
-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
                                                          2022
rw-rw-r-- 1 jhopkinswalker jhopkinswalker 2.1M Feb 22
                                                          2022 Ubuntu.pdf
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker 135K Feb 22
                                                          2022 website.html
                                    $ ls -lhS
total 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.av
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker 278K Feb 22
                                                          2022 csvfile.csv
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker 135K Feb 22
                                                         2022 website.html
                                                          2022 Tux.png
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker  42K Feb 22
-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
jhopkinswalker@cis106vm:~/lab4file
                                    💲 ls -lhSGi
total 6.5M
1581395 -rw-rw-r-- 1 jhopkinswalker 2.5M Feb 22
                                                  2022 Linux.pdf
1581400 -rw-rw-r-- 1 jhopkinswalker 2.1M Feb 22
                                                  2022 Ubuntu.pdf
1581450 -rw-rw-r-- 1 jhopkinswalker 747K Feb 22
                                                  2022 document.docx
1581455 -rw-rw-r-- 1 jhopkinswalker 726K Feb 22
                                                  2022
1581444 -rw-rw-r-- 1 jhopkinswalker 278K Feb 22
                                                  2022 csvfile.csv
1581466 -rw-rw-r-- 1 jhopkinswalker 135K Feb 22
                                                  2022 website.html
1581397 -rw-rw-r-- 1 jhopkinswalker 42K Feb 22
                                                  2022 Tux.png
 1/1 ~ + []
                                                                                Tilix: jhopkinswalker@
1: jhopkinswalker@cis106vm: ~/lab4files ~
rw-rw-r-- 1 jhopkinswalker jhopkinswalker 747K Feb 22
                                                         2022 document.docx
                                                         2022 globe.avi
rw-rw-r-- 1 jhopkinswalker jhopkinswalker 726K Feb 22
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
                                                         2022
rw-rw-r-- 1 jhopkinswalker jhopkinswalker 2.1M Feb 22
                                                         2022 Ubuntu.pdf
-rw-rw-r-- 1 jhopkinswalker jhopkinswalker 135K Feb 22
                                                         2022 website.html
hopkinswalker@cis106vm:~/l
                                   💲 ls -lhS
-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
                                                         2022 Tux.pn
                                            42K Feb 22
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@cis106vm:~/lab4files$ ls -lhSGi
total 6.5M
1581395 -rw-rw-r-- 1 jhopkinswalker 2.5M Feb 22  2022 Linux.pdf
1581400 -rw-rw-r-- 1 jhopkinswalker 2.1M Feb 22  2022 Ubuntu.pdf
1581450 -rw-rw-r-- 1 jhopkinswalker 747K Feb 22 2022 document.docx
1581455 -rw-rw-r-- 1 jhopkinswalker 726K Feb 22  2022 globe.av:
1581444 -rw-rw-r-- 1 jhopkinswalker 278K Feb 22
                                                2022 csvfile.csv
1581466 -rw-rw-r-- 1 jhopkinswalker 135K Feb 22
                                                2022 website.html
1581397 -rw-rw-r-- 1 jhopkinswalker 42K Feb 22
                                                2022 Tux.png
1581442 -rw-rw-r-- 1 jhopkinswalker 20K Feb 22 2022 countries.json
1581460 -rw-rw-r-- 1 jhopkinswalker 8.5K Feb 22
                                                2022 sample.xls
1581459 -rw-rw-r-- 1 jhopkinswalker 76 Feb 22
                                                2022 helloWorld.c
hopkinswalker@cis106vm:~/lajhopkinswalker@cjhopkinswalker@cis106vm:~/lab4files$ ls -Xr
sample.xls countries.json helloWorld.c
           website.html
Ubuntu.pdf document.docx
Linux.pdf
           csvfile.csv
hopkinswalker@cis106vm:
                                  $
```

Question 3 | Shell Scripting



Question 4 | Challenge Write a Script

• Script Source Code

