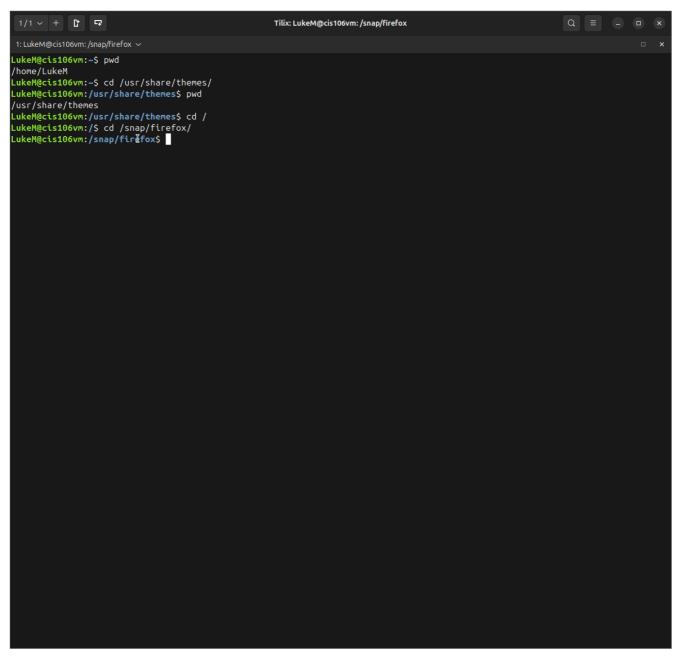
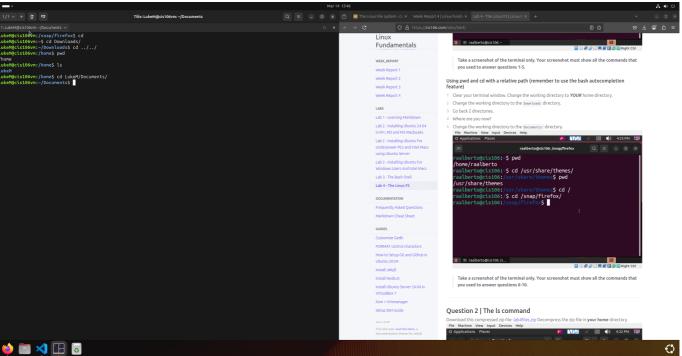
Lab 4

Question 1:





Question 2:

```
1/1 ∨ + 🗗 🛱
                                                                                                                                                  Tilix: LukeM@cis106vm: ~/Downloads/lab4files
                                                                                                                                                                                                                                                                                                                                   Q = -
  1: LukeM@cis106vm: ~/Downloads/lab4files ~
                                                                                                                                                                                                                                                                                                                                                                AI 🗆 🗙
 LukeM@cis106vm:~$ cd /usr/share/
 LukeM@cis106vm:/usr/share$ ls /home/LukeM/Downloads/lab4files/
countries.json csvfile.csv document.docx globe.avi helloWorld.c Linux.pdf sample.xls Tux.png Ubuntu.pdf website.html
 LukeM@cis106vm:/usr/share$ cd ~/Do
  Documents/ Downloads/
 LukeM@cis106vm:/usr/share$ cd ~/Downloads/lab4files/
LukeM@cis106vm:~/Downloads/lab4files$ ls -lh
 total 6.5M
 -rw-rw-r-- 1 LukeM LukeM 20K Feb 22 2022 countries.json

-rw-rw-r-- 1 LukeM LukeM 278K Feb 22 2022 csvfile.csv

-rw-rw-r-- 1 LukeM LukeM 747K Feb 22 2022 document.docx

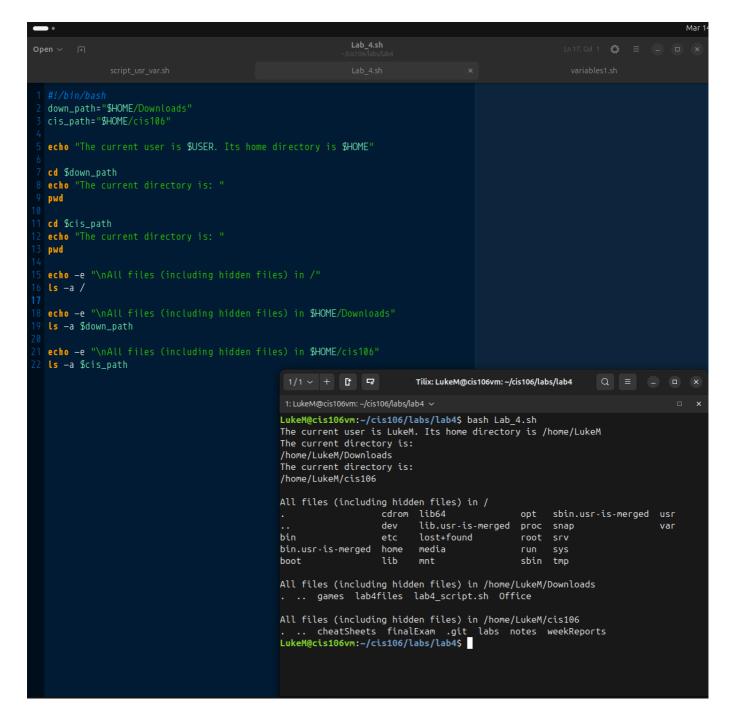
-rw-rw-r-- 1 LukeM LukeM 726K Feb 22 2022 globe.avi
  rw-rw-r-- 1 LukeM LukeM 76 Feb 22 2022 helloWorld.c
rw-rw-r-- 1 LukeM LukeM 2.5M Feb 22 2022 Linux.pdf
rw-rw-r-- 1 LukeM LukeM 8.5K Feb 22 2022 sample.xls
  -rw-rw-r-- 1 LukeM LukeM 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 LukeM LukeM 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 LukeM LukeM 135K Feb 22 2022 website.html
  _ukeM@cis106vm:~/Downloads/lab4files$ ls -lhS
 total 6.5M
 Tw-rw-r-- 1 LukeM LukeM 2.5M Feb 22 2022 Linux.pdf
-rw-rw-r-- 1 LukeM LukeM 2.1M Feb 22 2022 Ubuntu.pdf
-rw-rw-r-- 1 LukeM LukeM 747K Feb 22 2022 document.do
-rw-rw-r-- 1 LukeM LukeM 726K Feb 22 2022 globe.avi
-rw-rw-r-- 1 LukeM LukeM 278K Feb 22 2022 csvfile.csv
                                                                                                2022 document.docx
  rw-rw-r-- 1 LukeM LukeM 135K Feb 22 2022 website.html
 -rw-rw-r-- 1 LukeM LukeM 42K Feb 22 2022 Tux.png
-rw-rw-r-- 1 LukeM LukeM 20K Feb 22 2022 Tux.png
-rw-rw-r-- 1 LukeM LukeM 8.5K Feb 22 2022 countries.json
-rw-rw-r-- 1 LukeM LukeM 8.5K Feb 22 2022 sample.xls
-rw-rw-r-- 1 LukeM LukeM 76 Feb 22 2022 helloWorld.c
LukeMccis106vm:~/Downloads/lab4files$ ls -lhSGg
 total 6.5M
 TW-FW-F-- 1 2.5M Feb 22 2022 Linux.pdf

-FW-FW-F-- 1 2.1M Feb 22 2022 Ubuntu.pdf

-FW-FW-F-- 1 747K Feb 22 2022 document.docx

-FW-FW-F-- 1 726K Feb 22 2022 globe.avi
 -гw-гw-г-- 1 /26K Feb 22 2022 globe.avt
-гw-гw-г-- 1 278K Feb 22 2022 csvfile.csv
-гw-гw-г-- 1 135K Feb 22 2022 website.html
-гw-гw-г-- 1 42K Feb 22 2022 Tux.png
-гw-гw-г-- 1 20K Feb 22 2022 countries.json
-гw-гw-г-- 1 8.5K Feb 22 2022 sample.xls
-гw-гw-г-- 1 76 Feb 22 2022 helloWorld.c
              @cis106vm:~/Downloads/lab4files$ ls -lhSGqi
 total 6.5M
 1329033 -rw-rw-r-- 1 2.5M Feb 22 2022 Linux.pdf
1329033 -rw-rw-r-- 1 2.1M Feb 22 2022 Unux.pdf
1329035 -rw-rw-r-- 1 2.1M Feb 22 2022 Ubuntu.pdf
1329038 -rw-rw-r-- 1 747K Feb 22 2022 document.docx
1329039 -rw-rw-r-- 1 726K Feb 22 2022 globe.avi
1329037 -rw-rw-r-- 1 276K Feb 22 2022 csvfile.csv
1329042 -rw-rw-r-- 1 135K Feb 22 2022 website.html
1329042 -rw-rw-r-- 1 42K Feb 22 2022 Tux.png
1329036 -rw-rw-r-- 1 20K Feb 22 2022 countries.json
1329041 -rw-rw-r-- 1 8.5K Feb 22 2022 sample.xls
1329040 -rw-rw-r-- 1 76 Feb 22 2022 helloWorld.c
LukeM@cis106vm:~/Downloads/lab4files$ ls -Xr
 sample.xls Ubuntu.pdf countries.json document.docx helloWorld.c
Tux.png Linux.pdf website.html csvfile.csv globe.avi
```

Question 3:



Question 4

