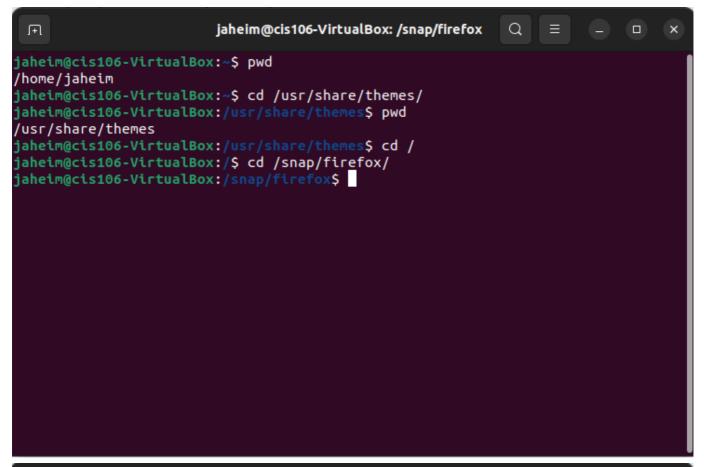
Lab 4 Submission

Question 1

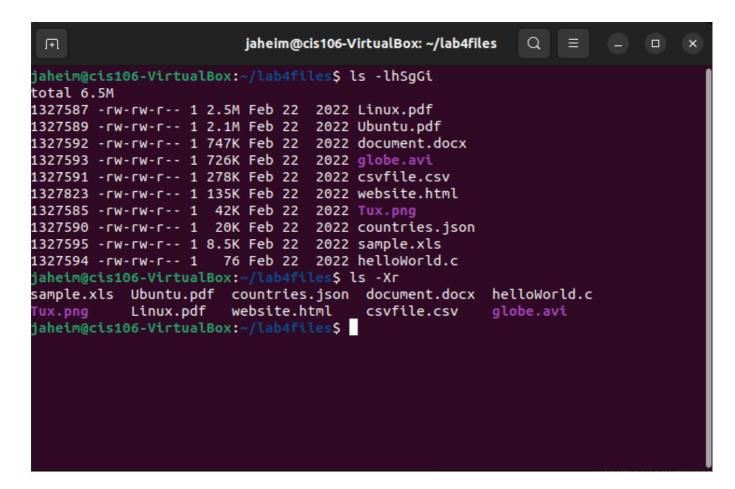


```
jaheim@cis106-VirtualBox:~$ cd Downloads/
jaheim@cis106-VirtualBox:~/Downloads$ cd ../..
jaheim@cis106-VirtualBox:/home$ pwd
/home
jaheim@cis106-VirtualBox:/home$ cd ~/Documents/
jaheim@cis106-VirtualBox:~/Documents$
```

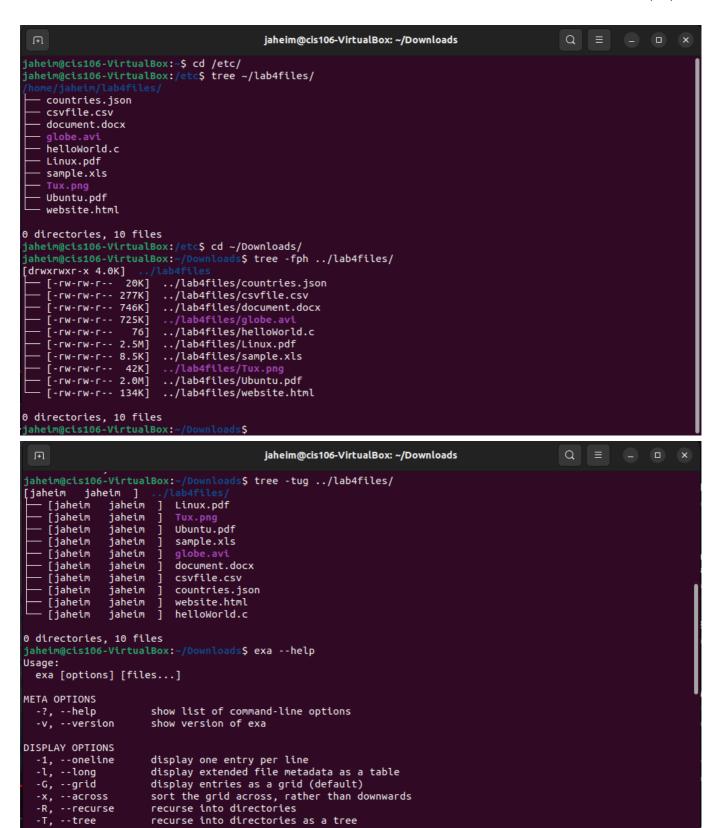
Question 2

```
jaheim@cis106-VirtualBox: ~/lab4files
                                                            Q
jaheim@cis106-VirtualBox:~/lab4files$ ls -l
total 6580
                             20471 Feb 22
                                            2022 countries.json
-rw-rw-r-- 1 jaheim jaheim
-rw-rw-r-- 1 jaheim jaheim 284042 Feb 22
                                            2022 csvfile.csv
-rw-rw-r-- 1 jaheim jaheim
                            764176 Feb 22
                                            2022 document.docx
                            742478 Feb 22
-rw-rw-r-- 1 jaheim jaheim
                                            2022 globe.avi
-rw-rw-r-- 1 jaheim jaheim
                                 76 Feb 22
                                            2022 helloWorld.c
-rw-rw-r-- 1 jaheim jaheim 2600138 Feb 22
                                            2022 Linux.pdf
-rw-rw-r-- 1 jaheim jaheim
                              8704 Feb 22
                                            2022 sample.xls
-rw-rw-r-- 1 jaheim jaheim
                             42777 Feb 22
                                            2022 Tux.png
-rw-rw-r-- 1 jaheim jaheim 2114053 Feb 22
                                            2022 Ubuntu.pdf
-rw-rw-r-- 1 jaheim jaheim 137453 Feb 22 2022 website.html
jaheim@cis106-VirtualBox:~/lab4files$
 JŦ.
                          jaheim@cis106-VirtualBox: ~/lab4files
                                                            Q
                                                                 \equiv
                                                                           ×
total 6580
rw-rw-r-- 1 jaheim jaheim
                             20471 Feb 22
                                           2022 countries.json
                                            2022 csvfile.csv
rw-rw-r-- 1 jaheim jaheim
                            284042 Feb 22
rw-rw-r-- 1 jaheim jaheim 764176 Feb 22
                                           2022 document.docx
rw-rw-r-- 1 jaheim jaheim 742478 Feb 22
                                           2022 globe.avi
rw-rw-r-- 1 jaheim jaheim
                                76 Feb 22
                                           2022 helloWorld.c
rw-rw-r-- 1 jaheim jaheim 2600138 Feb 22
                                           2022 Linux.pdf
rw-rw-r-- 1 jaheim jaheim
                              8704 Feb 22
                                           2022 sample.xls
rw-rw-r-- 1 jaheim jaheim
                             42777 Feb 22
                                           2022 Tux.png
rw-rw-r-- 1 jaheim jaheim 2114053 Feb 22
                                           2022 Ubuntu.pdf
rw-rw-r-- 1 jaheim jaheim 137453 Feb 22
                                           2022 website.html
jaheim@cis106-VirtualBox:~/lab4files$ ls -lhS
total 6.5M
-rw-rw-r-- 1 jaheim jaheim 2.5M Feb 22
                                        2022 Linux.pdf
rw-rw-r-- 1 jaheim jaheim 2.1M Feb 22
                                        2022 Ubuntu.pdf
rw-rw-r-- 1 jaheim jaheim 747K Feb 22
                                        2022 document.docx
rw-rw-r-- 1 jaheim jaheim 726K Feb 22
                                        2022 globe.avi
rw-rw-r-- 1 jaheim jaheim 278K Feb 22
                                        2022 csvfile.csv
                                        2022 website.html
rw-rw-r-- 1 jaheim jaheim 135K Feb 22
rw-rw-r-- 1 jaheim jaheim
                            42K Feb 22
                                        2022 Tux.png
rw-rw-r-- 1 jaheim jaheim 20K Feb 22
                                        2022 countries.json
-rw-rw-r-- 1 jaheim jaheim 8.5K Feb 22
                                        2022 sample.xls
rw-rw-r-- 1 jaheim jaheim
                             76 Feb 22
                                        2022 helloWorld.c
```

aheim@cis106-VirtualBox:~/lab4files



Question 3

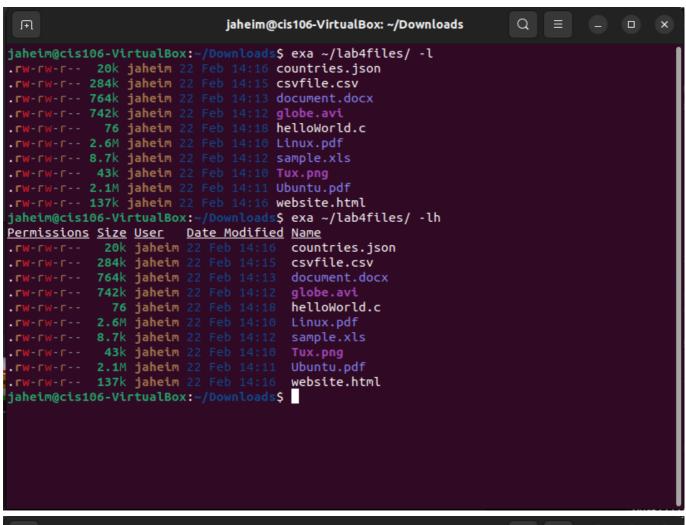


display type indicator by file names

when to use terminal colours (always. auto. never)

-T, --tree --classify

--colofulr=WHEN



```
Ŧ
                              jaheim@cis106-VirtualBox: ~/Downloads
                                                                     Q
            76 jaheim 22 Feb 14:18 helloWorld.c
      -r-- 2.6M jaheim 22 Feb 14:10 Linux.pdf
      -r-- 8.7k jaheim 22 Feb 14:12 sample.xls
          43k jaheim 22 Feb 14:10 Tux.png
      /-r-- 2.1M jaheim 22 Feb 14:11 Ubuntu.pdf
      v-r-- 137k jaheim 22 Feb 14:16 website.html
jaheim@cis106-VirtualBox:~/Downloads$ exa ~/lab4files/ -lh
20k jaheim 22 Feb 14:16 countries.json
284k jaheim 22 Feb 14:15 csvfile.csv
            764k jaheim 22 Feb 14:13 742k jaheim 22 Feb 14:12
                                      document.docx
                                      globe.avi
             76 jaheim 22 Feb 14:18
                                      helloWorld.c
            2.6M jaheim 22 Feb 14:10
                                      Linux.pdf
           8.7k jaheim 22 Feb 14:12
                                      sample.xls
            43k jaheim 22 Feb 14:10
     v-r-- 2.1M jaheim 22 Feb 14:11 Ubuntu.pdf
     w-r-- 137k jaheim 22 Feb 14:16 website.html
jaheim@cis106-VirtualBox:~/Downloads$ exa ~/lab4files/ -lh --no-user -U
Permissions Size Date Created Name
            20k 22 Oct 20:16 countries.json
            284k 22 Oct 20:16 csvfile.csv
            764k 22 Oct 20:16 document.docx
           742k 22 Oct 20:16 globe.avi
            76 22 Oct 20:16 helloWorld.c
            2.6M 22 Oct 20:16 Linux.pdf
           8.7k 22 Oct 20:16 sample.xls
            43k 22 Oct 20:16 Tux.png
            2.1M 22 Oct 20:16 Ubuntu.pdf
            137k 22 Oct 20:16 website.html
jaheim@cis106-VirtualBox:~/Downloads$
```

Question 4

