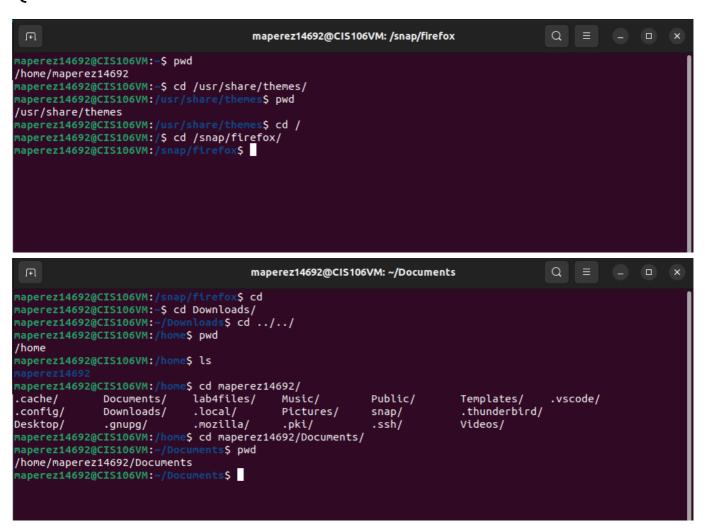
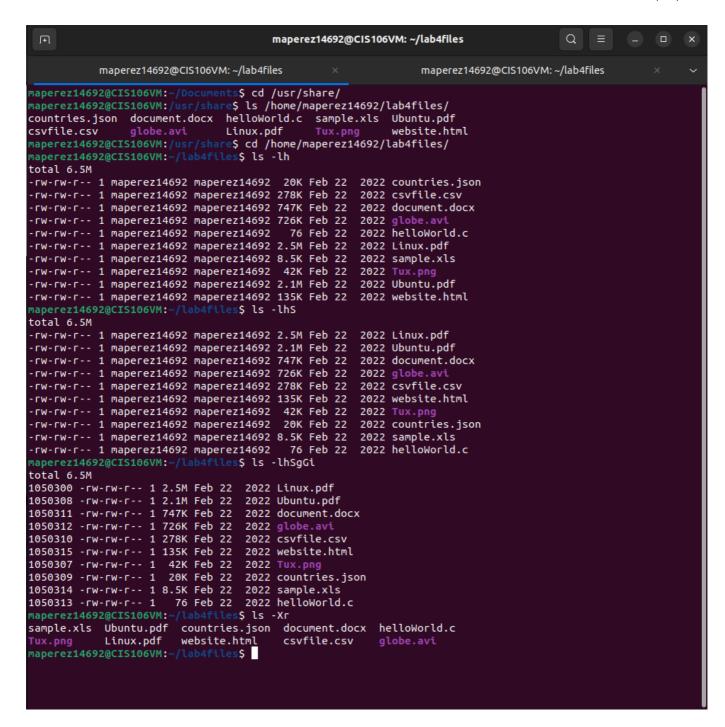
Lab 4 Submission

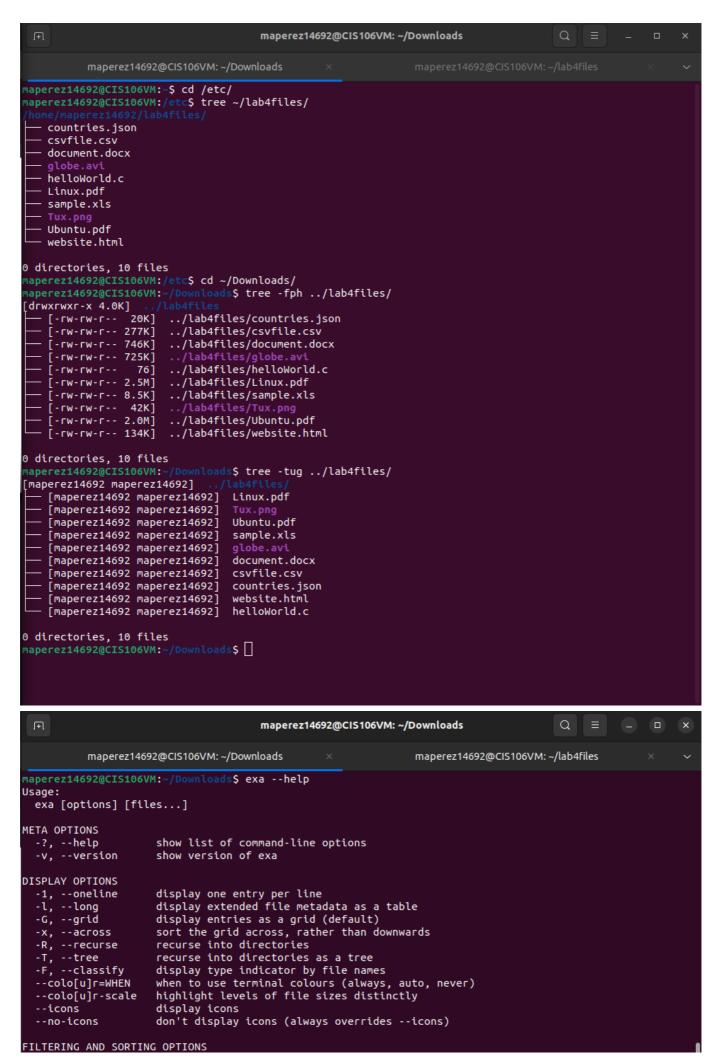
Question 1



Question 2



Question 3



```
show hidden and 'dot' files
  -d, --list-dirs
                                        list directories as files; don't list their contents
   -L, --level DEPTH
                                        limit the depth of recursion
  -г, --гeverse
                                        reverse the sort order
  -s, --sort SORT_FIELD
                                        which field to sort by
   --group-directories-first
                                        list directories before other files
  -D, --only-dirs
                                        list only directories
  -I, --ignore-glob GLOBS
                                        glob patterns (pipe-separated) of files to ignore
                                        ignore files mentioned in '.gitignore
   --git-ignore
  Valid sort fields:
                                        name, Name, extension, Extension, size, type,
                                        modified, accessed, created, inode, and none.
date, time, old, and new all refer to modified.
LONG VIEW OPTIONS
                               list file sizes with binary prefixes list file sizes in bytes, without any prefixes
  -b, --binary
  -B, --bytes
                                list each file's group
   -g, --group
  -h, --header
                               add a header row to each column
   -H, --links
                                list each file's number of hard links
                                list each file's inode number
   -i, --inode
   -m, --modified
                               use the modified timestamp field
  -n, --numeric
                                list numeric user and group IDs
   -S, --blocks
                                show number of file system blocks
  -t, --time FIELD
                               which timestamp field to list (modified, accessed, created)
  -u, --accessed
                                use the accessed timestamp field
                                use the created timestamp field
   -U, --created
                                use the changed timestamp field
  --changed
                                                    maperez14692@CIS106VM: ~/Downloads
              maperez14692@CIS106VM: ~/Downloads
maperez14692@CIS106VM:~/Downloads$ exa ~/lab4files/ -l
.rw-rw-r-- 20k maperez14692 22 Feb 14:16 countries.json
.rw-rw-r-- 284k maperez14692 22 Feb 14:15 csvfile.csv
.rw-rw-r-- 764k maperez14692 22 Feb 14:13 document.docx
   w-rw-r-- 742k maperez14692 22 Feb 14:12 globe.avi
   w-rw-r-- 76 maperez14692 22 Feb 14:18 helloWorld.c
w-rw-r-- 2.6M maperez14692 22 Feb 14:10 Linux.pdf
w-rw-r-- 8.7k maperez14692 22 Feb 14:12 sample.xls
    -rw-r-- 2.1M maperez14692 22 Feb 14:11 Ubuntu.pdf
-rw-r-- 137k maperez14692 22 Feb 14:16 website.html
maperez14692@CIS106VM:~/Downloads$ exa ~/lab4files/ -lh
               Size User Date Modified Name

20k maperez14692 22 Feb 14:16 countries.json

284k maperez14692 22 Feb 14:15 csvfile.csv
<u>Permissions</u> <u>Size</u> <u>User</u>
   w-rw-r-- 764k maperez14692 22 Feb 14:13 document.docx
w-rw-r-- 742k maperez14692 22 Feb 14:12 globe.avi
w-rw-r-- 76 maperez14692 22 Feb 14:18 helloWorld.c
   w-rw-r-- 2.6M maperez14692 22 Feb 14:10 Linux.pdf
w-rw-r-- 8.7k maperez14692 22 Feb 14:12 sample.xl
w-rw-r-- 43k maperez14692 22 Feb 14:10 Tux.png
                                                             sample.xls
   V-rw-r-- 2.1M maperez14692 22 Feb 14:11 Ubuntu.pdf
V-rw-r-- 137k maperez14692 22 Feb 14:16 website.html
naperez14692@CIS106VM:~/Downloads$ exa ~/lab4files/ -lh --nouser -U
exa: Unknown argument --nouser
maperez14692@CIS106VM:~/Downloads$ exa ~/lab4files/ -lh --no-user -U
Permissions Size Date Created Name
                20k 15 Oct 14:18 countries.json
284k 15 Oct 14:18 csvfile.csv
  W-rw-r-- 284k 15 Oct 14:18 csvItte.cs.
W-rw-r-- 764k 15 Oct 14:18 document.docx
W-rw-r-- 742k 15 Oct 14:18 globe.avi
W-rw-r-- 76 15 Oct 14:18 helloWorld.c
   v-rw-r-- 2.6M 15 Oct 14:18 Linux.pdf
v-rw-r-- 8.7k 15 Oct 14:18 sample.xls
v-rw-r-- 43k 15 Oct 14:18 Tux.png
   naperez14692@CIS106VM:~/Downloads$
```

Question 4

