Lab 6

Question 1

```
1: cltorres-quinteros@cis106vm: ~  ∨
cltorres-quinteros@cis106vm:~$ ls lab6/*.log
lab6/88_Application-log.log  lab6/fontconfig.log   lab6/term.log
lab6/alternatives.log        lab6/gpu-manager.log  lab6/tex.log
lab6/apache01-error.log      lab6/history.log      lab6/ubuntu-advantage.log
lab6/apache22.log            lab6/http404.log      lab6/unattended-upgrades-dpkg.log
lab6/auth.log                lab6/kern.log         lab6/unattended-upgrades.log
lab6/bootstrap.log           lab6/luahbtex.log     lab6/unattended-upgrades-shutdown.log
lab6/casper.log              lab6/luatex.log       lab6/updmap.log
lab6/dpkg.log                lab6/mf.log           lab6/vboxadd-setup.log
lab6/dviluatex.log           lab6/pdfetex.log
lab6/etex.log                lab6/pdftex.log
cltorres-quinteros@cis106vm:~$ mkdir lab6/log-files
cltorres-quinteros@cis106vm:~$ mv lab6/*.log lab6/log-files/
cltorres-quinteros@cis106vm:~$ ls /etc/*.conf
/etc/adduser.conf         /etc/fprintd.conf     /etc/libao.conf       /etc/rsyslog.conf
/etc/apg.conf             /etc/fuse.conf        /etc/libaudit.conf    /etc/rygel.conf
/etc/appstream.conf       /etc/gai.conf         /etc/logrotate.conf   /etc/sensors3.conf
/etc/brltty.conf          /etc/hdparm.conf      /etc/mke2fs.conf      /etc/sudo.conf
/etc/ca-certificates.conf /etc/host.conf        /etc/nftables.conf    /etc/sudo_logsrvd.conf
/etc/dante.conf           /etc/inxi.conf        /etc/nsswitch.conf    /etc/sysctl.conf
/etc/debconf.conf         /etc/kernel-img.conf  /etc/pam.conf         /etc/ucf.conf
/etc/deluser.conf         /etc/kerneloops.conf  /etc/pnm2ppa.conf     /etc/usb_modeswitch.conf
/etc/e2scrub.conf         /etc/ld.so.conf       /etc/resolv.conf      /etc/xattr.conf
cltorres-quinteros@cis106vm:~$ ls -lSgGh --time-style=+%D /etc/h*.conf /etc/p*.conf
-rw-r--r-- 1 7.5K 08/07/23 /etc/pnm2ppa.conf
-rw-r--r-- 1 4.4K 12/15/20 /etc/hdparm.conf
-rw-r--r-- 1  552 08/11/20 /etc/pam.conf
-rw-r--r-- 1   92 10/15/21 /etc/host.conf
cltorres-quinteros@cis106vm:~$
```

Question 2

```
1: cltorres-quinteros@cis106vm: ~/lab6 ∨
cltorres-quinteros@cis106vm:~/lab6$ ls .??*
.auto-changelog                .hidden           .parentlock
.babelrc                       .hidden1.doc      .profile
.bash_aliases                  .hidden1.py       .sudo_as_admin_successful
.bash_history                  .hidden2.doc      .tern-project
.bash_logout                   .hidden2.py       .testignore
.bashrc                        .hiddenFile.txt   .textFiles
.changed                       .htaccess         .tm_properties
.cis106.png                    .istanbul.yml     .tonic_example.js
.coveralls.yml                 .jscs.json        .travis.yml
.dir-locals.el                 .jscsrc           .uuid
.editorconfig                  .jshintignore     .vboxclient-clipboard-tty2-control.pid
.eslintignore                  .jshintrc         .vboxclient-clipboard-tty2-service.pid
.eslintrc                      .keep             .vboxclient-draganddrop-tty2-control.pid
.eslintrc.js                   .last_revision    .vboxclient-draganddrop-tty2-service.pid
.eslintrc.json                 .lesshst          .vboxclient-hostversion-tty2-control.pid
.eslintrc.yml                  .lint             .vboxclient-seamless-tty2-control.pid
.gitattributes                 .metadata-v2      .vboxclient-seamless-tty2-service.pid
.gitconfig                     .meta.isrunning   .vboxclient-vmsvga-session-tty2-control.pid
.gitignore                     .min-wd           .vboxclient-vmsvga-session-tty2-service.pid
.gitkeep                       .npmignore        .vsixmanifest
.gitmodules                    .nycrc
.gsd-keyboard.settings-ported  .padding
cltorres-quinteros@cis106vm:~/lab6$ ls -A *.??
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
cltorres-quinteros@cis106vm:~/lab6$ ls l?st*
last.txt  list.txt  lost.txt
cltorres-quinteros@cis106vm:~/lab6$ ls *_??.*
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
cltorres-quinteros@cis106vm:~/lab6$ _
```

Question 3

```
1: cltorres-quinteros@cis106vm: ~/lab6 ∨
cltorres-quinteros@cis106vm:~/lab6$ ls [A-Z]*
Document.doc  Expenses.xls
cltorres-quinteros@cis106vm:~/lab6$ ls [A-Z0-9]*
25Games.lst  Document.doc  Expenses.xls
cltorres-quinteros@cis106vm:~/lab6$ ls *[0-9]*
25Games.lst  apache03.err  file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh  trip22-info.doc
cltorres-quinteros@cis106vm:~/lab6$ ls [a-z]*[0-9].*
apache03.err  file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
cltorres-quinteros@cis106vm:~/lab6$ _
```

Question 4

```
1: cltorres-quinteros@cis106vm: ~/lab6 ⌄
cltorres-quinteros@cis106vm:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
cltorres-quinteros@cis106vm:~/lab6$ tree wallpapers/
wallpapers/
└── cars
    ├── 1080p
    ├── 2k
    └── 4k

4 directories, 0 files
cltorres-quinteros@cis106vm:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
cltorres-quinteros@cis106vm:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small

6 directories, 0 files
cltorres-quinteros@cis106vm:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
cltorres-quinteros@cis106vm:~/lab6$ touch docs/books/{history,math}/{fall,spring}/book.pdf
cltorres-quinteros@cis106vm:~/lab6$ tree docs/
docs/
└── books
    ├── history
    │   ├── fall
    │   │   └── book.pdf
    │   └── spring
    │       └── book.pdf
    └── math
        ├── fall
        │   └── book.pdf
        └── spring
            └── book.pdf

7 directories, 4 files
cltorres-quinteros@cis106vm:~/lab6$ _
```

```
1: cltorres-quinteros@cis106vm: /usr/share ⌄
cltorres-quinteros@cis106vm:~/lab6$ mkdir ~/lab6-q5
cltorres-quinteros@cis106vm:~/lab6$ cd /
cltorres-quinteros@cis106vm:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
cltorres-quinteros@cis106vm:/$ cd /usr/share/
cltorres-quinteros@cis106vm:/usr/share$ mkdir ~/lab6-q5/movies
cltorres-quinteros@cis106vm:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}}
cltorres-quinteros@cis106vm:/usr/share$ tree ~/lab6-q5/
/home/cltorres-quinteros/lab6-q5/
├── data.xls
└── movies
    └── movies.lst

1 directory, 2 files
cltorres-quinteros@cis106vm:/usr/share$ _
```

Question 5 Challenge Question

```
1: cltorres-quinteros@cis106vm: ~/challenge-Lab6 ∨
cltorres-quinteros@cis106vm:~$ curl https://cis106.com/assets/lab6cq.sh | bash
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100   165  100   165    0     0    962      0 --:--:-- --:--:-- --:--:--   964
cltorres-quinteros@cis106vm:~/challenge-Lab6$ mkdir -p ~/challenge-Lab6/{audio/{aac,mp3},docs/{docx,pdf,xls},images/{jpg,png}}
cltorres-quinteros@cis106vm:~/challenge-Lab6$ mv *.aac audio/aac/
cltorres-quinteros@cis106vm:~/challenge-Lab6$ mv *.mp3 audio/mp3/
cltorres-quinteros@cis106vm:~/challenge-Lab6$ mv *.docx docs/docx/
cltorres-quinteros@cis106vm:~/challenge-Lab6$ mv *.pdf docs/pdf/
cltorres-quinteros@cis106vm:~/challenge-Lab6$ mv *.xls docs/xls
mv: cannot stat '*.xls': No such file or directory
cltorres-quinteros@cis106vm:~/challenge-Lab6$ *.jpg images/jpg/
image1.jpg: command not found
cltorres-quinteros@cis106vm:~/challenge-Lab6$ mv *.jpg images/jpg/
cltorres-quinteros@cis106vm:~/challenge-Lab6$ mv *.png images/png/
```

```
cltorres-quinteros@cis106vm:~$ tree challenge-Lab6/
challenge-Lab6/
├── audio
│   ├── aac
│   │   ├── song1.aac
│   │   └── song2.aac
│   └── mp3
│       ├── song1.mp3
│       └── song2.mp3
├── docs
│   ├── docx
│   │   ├── docs1.docx
│   │   └── docs2.docx
│   ├── pdf
│   │   ├── docs1.pdf
│   │   └── docs2.pdf
│   └── xls
├── image1.gif
├── image2.gif
├── images
│   ├── jpg
│   │   ├── image1.jpg
│   │   └── image2.jpg
│   └── png
│       ├── image1.png
│       └── image2.png
├── program.go
├── program.py
├── program.rb
└── program.sh

10 directories, 18 files
cltorres-quinteros@cis106vm:~$ _
```