Lab6

Question 1

```
anmelgar@cis106:~$ 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
anmelgar@cis106:~$ mkdir lba6/log-files
mkdir: cannot create directory 'lba6/log-files': No such file or directory
anmelgar@cis106:~$ mkdir lab6/log-files
anmelgar@cis106:~$ mv lab6/*.log lab6/log-files/
anmelgar@cis106:~$ ls /etc/*.conf
/etc/adduser.conf          /etc/fuse.conf          /etc/libaudit.conf    /etc/rygel.conf
/etc/apg.conf              /etc/gai.conf           /etc/logrotate.conf   /etc/sensors3.conf
/etc/appstream.conf        /etc/hdparm.conf        /etc/mke2fs.conf      /etc/sudo.conf
/etc/brltty.conf           /etc/host.conf          /etc/nftables.conf    /etc/sudo_logsrvd.conf
/etc/ca-certificates.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
/etc/fprintd.conf          /etc/libao.conf         /etc/rsyslog.conf
anmelgar@cis106:~$ 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
```

Question 2

```
anmelgar@cis106:~/lab6$ ls .??*
.auto-changelog                  .last_revision
.babelrc                         .lint
.bash_history                    .metadata-v2
.bash_history.trashinfo          .meta.isrunning
.bash_logout                     .min-wd
.bash_logout.trashinfo           .npmignore
.bashrc                          .nycrc
.bashrc.trashinfo                .org.chromium.Chromium.f8JLRv
.cache.trashinfo                 .padding
.changed                         .parentlock
.cis106.png                      .pki.trashinfo
.cis106.png.trashinfo            .PNG
.config.trashinfo                .PNG.trashinfo
.coveralls.yml                   .profile
.dir-locals.el                   .profile.trashinfo
.dotnet.trashinfo                .ssh.trashinfo
.editorconfig                    .sudo_as_admin_successful
.eslintignore                    .sudo_as_admin_successful.trashinfo
.eslintrc                        .templdir.cache
.eslintrc.js                     .tern-project
.eslintrc.json                   .testignore
.eslintrc.yml                    .tm_properties
.fonts.trashinfo                 .tonic_example.js
.gitattributes                   .travis.yml
.gitconfig                       .uuid
.gitconfig.trashinfo             .vboxclient-clipboard-tty2-control.pid
.gitignore                       .vboxclient-clipboard-tty2-control.pid.trashinfo
.gitkeep                         .vboxclient-clipboard-tty2-service.pid
.gitmodules                      .vboxclient-clipboard-tty2-service.pid.trashinfo
.git.trashinfo                   .vboxclient-draganddrop-tty2-control.pid
.gnupg.trashinfo                 .vboxclient-draganddrop-tty2-control.pid.trashinfo
.gsd-keyboard.settings-ported    .vboxclient-draganddrop-tty2-service.pid
.hidden                          .vboxclient-draganddrop-tty2-service.pid.trashinfo
.hidden1.doc                     .vboxclient-hostversion-tty2-control.pid
.hidden1.py                      .vboxclient-hostversion-tty2-control.pid.trashinfo
.hidden2.doc                     .vboxclient-seamless-tty2-control.pid
.hidden2.py                      .vboxclient-seamless-tty2-control.pid.trashinfo
.hiddenFile.txt                  .vboxclient-seamless-tty2-service.pid
.htaccess                        .vboxclient-seamless-tty2-service.pid.trashinfo
.istanbul.yml                    .vboxclient-vmsvga-session-tty2-control.pid
.jscs.json                       .vboxclient-vmsvga-session-tty2-control.pid.trashinfo
.jscsrc                          .vboxclient-vmsvga-session-tty2-service.pid
.jshintignore                    .vboxclient-vmsvga-session-tty2-service.pid.trashinfo
.jshintrc                        .vscode.trashinfo
.keep                            .vsixmanifest
```

```
anmelgar@cis106:~/lab6$ ls -A *.??
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
anmelgar@cis106:~/lab6$ ls l?st*
last.txt  list.txt  lost.txt
anmelgar@cis106:~/lab6$ ls *_??.*
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
anmelgar@cis106:~/lab6$ █
```

Question 3

```
anmelgar@cis106:~/lab6$ ls [A-Z]*
Document.doc  Expenses.xls
anmelgar@cis106:~/lab6$ ls [A-Z0-9]*
25Games.lst  Document.doc  Expenses.xls
anmelgar@cis106:~/lab6$ ls *[0-9]*
25Games.lst   file_00.sh  file_02.sh  file_04.sh  trip22-info.doc
apache03.err  file_01.sh  file_03.sh  file_05.sh
anmelgar@cis106:~/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
```

Question 4

```
anmelgar@cis106:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
anmelgar@cis106:~/lab6$ tree wallpapers
wallpapers
└── cars
    ├── 1080p
    ├── 2k
    └── 4k

4 directories, 0 files
anmelgar@cis106:~/lab6$
```

```
anmelgar@cis106:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
anmelgar@cis106:~/lab6$ tree assets
assets
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small

6 directories, 0 files
anmelgar@cis106:~/lab6$
```

```
anmelgar@cis106:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
anmelgar@cis106:~/lab6$ touch  docs/books/{history,math}/{fall,spring}/book.pdf
anmelgar@cis106:~/lab6$ tree docs
docs
└── books
    ├── history
    │   ├── fall
    │   │   └── book.pdf
    │   └── spring
    │       └── book.pdf
    └── math
        ├── fall
        │   └── book.pdf
        └── spring
            └── book.pdf

7 directories, 4 files
anmelgar@cis106:~/lab6$
```

```
anmelgar@cis106:~/lab6$ mkdir ~/lab6-q5
anmelgar@cis106:~/lab6$ cd /
anmelgar@cis106:/$ touch ~lab6-q5/{program.py,people.csv,data.xls}
touch: cannot touch '~lab6-q5/program.py': No such file or directory
touch: cannot touch '~lab6-q5/people.csv': No such file or directory
touch: cannot touch '~lab6-q5/data.xls': No such file or directory
anmelgar@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
anmelgar@cis106:/$ cd /usr/share/
anmelgar@cis106:/usr/share$ mkdir ~/lab6-q5/movies
anmelgar@cis106:/usr/share$ touch ~/lab6-p5/movies/{movies.lst,marvel.txt,disney.doc}
touch: cannot touch '/home/anmelgar/lab6-p5/movies/movies.lst': No such file or directory
touch: cannot touch '/home/anmelgar/lab6-p5/movies/marvel.txt': No such file or directory
touch: cannot touch '/home/anmelgar/lab6-p5/movies/disney.doc': No such file or directory
anmelgar@cis106:/usr/share$ touch ~/lab6-p5/{movies.lst,marvel.txt,disney.doc}
touch: cannot touch '/home/anmelgar/lab6-p5/movies.lst': No such file or directory
touch: cannot touch '/home/anmelgar/lab6-p5/marvel.txt': No such file or directory
touch: cannot touch '/home/anmelgar/lab6-p5/disney.doc': No such file or directory
anmelgar@cis106:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,marvel.txt,disney.doc}
anmelgar@cis106:/usr/share$ rm ~lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}
rm: cannot remove '~lab6-q5/{program.py,people.csv,/movies/disney.doc': No such file or directory
rm: cannot remove '~lab6-q5/{program.py,people.csv,/movies/marvel.txt': No such file or directory
anmelgar@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}
rm: cannot remove '/home/anmelgar/lab6-q5/{program.py,people.csv,/movies/disney.doc': No such file or dire
ctory
rm: cannot remove '/home/anmelgar/lab6-q5/{program.py,people.csv,/movies/marvel.txt': No such file or dire
ctory
anmelgar@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}}
anmelgar@cis106:/usr/share$ tree ~/lab-q5/
/home/anmelgar/lab-q5/  [error opening dir]

0 directories, 0 files
anmelgar@cis106:/usr/share$ tree ~/lab6-q5/
/home/anmelgar/lab6-q5/
├── data.xls
└── movies
    └── movies.lst

1 directory, 2 files
anmelgar@cis106:/usr/share$
```

Question 5 Challenge

```
anmelgar@cis106:~/challenge-Lab6$ mkdir -p challenge-lab6/audio/{aac,mp3} challenge-lab6/docs/{docx,pdf,xl
s} challenge-lab6/images/{jpg,png}

anmelgar@cis106:~/challenge-Lab6$ mv *.aac challenge-lab6/audio/aac/
anmelgar@cis106:~/challenge-Lab6$ mv *.mp3 challenge-lab6/audio/mp3/
anmelgar@cis106:~/challenge-Lab6$ mv *.docx challenge-Lab6/docs/docx/
mv: target 'challenge-Lab6/docs/docx/' is not a directory
anmelgar@cis106:~/challenge-Lab6$ mv *.docx challenge-lab6/docs/docx/
anmelgar@cis106:~/challenge-Lab6$ mv *.pdf challenge-lab6/docs/pdf/
anmelgar@cis106:~/challenge-Lab6$ mv *.xls challenge-lab6/docs/xls/
mv: cannot stat '*.xls': No such file or directory
anmelgar@cis106:~/challenge-Lab6$ mv *.jpg challenge-lab6/images/jpg/
anmelgar@cis106:~/challenge-Lab6$ mv *.png challenge-lab6/images/png/
anmelgar@cis106:~/challenge-Lab6$ 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
└── images
    ├── jpg
    │   ├── image1.jpg
    │   └── image2.jpg
    └── png
        ├── image1.png
        └── image2.png

10 directories, 12 files
```