

Lab 6

Question 1

```
mmedina@cis106:~$ ls lab6/*.log
lab6/88_Application-log.log  lab6/history.log
lab6/alternatives.log       lab6/http404.log
lab6/apache01-error.log     lab6/kern.log
lab6/apache22.log           lab6/term.log
lab6/auth.log               lab6/ubuntu-advantage.log
lab6/bootstrap.log          lab6/ubuntu-advantage-timer.log
lab6/casper.log             lab6/unattended-upgrades-dpkg.log
lab6/dpkg.log               lab6/unattended-upgrades.log
lab6/fontconfig.log         lab6/unattended-upgrades-shutdown.log
lab6/gpu-manager.log        lab6/vboxadd-setup.log
mmedina@cis106:~$ mkdir -p lab6/log-files
mmedina@cis106:~$ mv lab6/*.log lab6/log-files/
mmedina@cis106:~$ ls /etc/*.conf
/etc/adduser.conf           /etc/host.conf             /etc/resolv.conf
/etc/apg.conf               /etc/kernel-img.conf       /etc/rsyslog.conf
/etc/appstream.conf         /etc/kernelloops.conf     /etc/rygel.conf
/etc/brltty.conf            /etc/ld.so.conf            /etc/sensors3.conf
/etc/ca-certificates.conf   /etc/libao.conf            /etc/sudo.conf
/etc/debconf.conf           /etc/libaudit.conf         /etc/sudo_logsrvd.conf
/etc/deluser.conf           /etc/logrotate.conf        /etc/sysctl.conf
/etc/e2scrub.conf           /etc/mke2fs.conf           /etc/ucf.conf
/etc/fprintd.conf           /etc/nftables.conf         /etc/usb_modeswitch.conf
/etc/fuse.conf              /etc/nsswitch.conf         /etc/xattr.conf
/etc/gai.conf               /etc/pam.conf
/etc/hdparm.conf            /etc/pnm2ppa.conf
mmedina@cis106:~$ ls -lSgGh --time-style=+%D /etc/h*.conf /etc/p*.conf
-rw-r--r-- 1 7.5K 08/09/22 /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
mmedina@cis106:~$
```

Question 2

```
mmedina@cis106:~/lab6$ ls .??*
.appveyor.yml                .istanbul.yml
.auto-changelog              .jscs.json
.babelrc                     .jscsrc
.bash_aliases                .jshintignore
.bash_history                .jshintrc
.bash_logout                 .keep
.bashrc                      .last_revision
.changed                     .lessht
.cis106.png                  .lint
.coveralls.yml               .metadata-v2
.dir-locals.el               .meta.isrunning
.drinks.trashinfo            .min-wd
.editorconfig                .npmignore
.env                          .nycrc
.envrc                       .org.chromium.Chromium.TQ5vKD
.eslintignore                .padding
.eslintrc                    .parentlock
.eslintrc.js                 .prettierignore
.eslintrc.json               .prettierrc.yaml
.eslintrc.yml                .profile
.gitattributes                .sudo_as_admin_successful
.gitconfig                   .tern-project
.gitignore                   .testignore
.gitkeep                     .textFiles
.gitmodules                  .tm_properties
.gsd-keyboard.settings-ported.tonic_example.js
.hidden                       .travis.yml
.hidden1.doc                 .uuid
.hidden1.py                  .uuid.trashinfo
.hidden2.doc                 .vboxclient-clipboard.pid
.hidden2.py                  .vboxclient-draganddrop.pid
.hiddenFile.txt              .vboxclient-seamless.pid
.htaccess                   .vboxclient-vmvga-session-tty2.pid
.ignore                      .vsixmanifest

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

Question 3

```
1: mmedina@cis106: ~/lab6 ↵
mmedina@cis106:~/lab6$ ls [A-Z]*
Document.doc  Expenses.xls
mmedina@cis106:~/lab6$ ls [A-Z0-9]*
25Games.lst  Document.doc  Expenses.xls
mmedina@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
mmedina@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
mmedina@cis106:~/lab6$ _
```

Question 4

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

4 directories, 0 files
mmedina@cis106:~/lab6$
mmedina@cis106:~/lab6$ mkdir -p assets/{imgs,video}/{large,small}
mmedina@cis106:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small

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

```
6 directories, 0 files
mmedina@cis106:~/lab6$ mkdir -p docs/book/{history,math}/{fall,spring}
mmedina@cis106:~/lab6$ touch -p docs/book/{history,math}/{fall,spring}/book.pdf
touch: invalid option -- 'p'
Try 'touch --help' for more information.
mmedina@cis106:~/lab6$ touch docs/book/{history,math}/{fall,spring}/book.pdf
mmedina@cis106:~/lab6$ tree docs/
docs/
├── book
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
7 directories, 4 files
mmedina@cis106:~/lab6$
```

```
1/1 v + [ ] [ ] Tilix: mmedina@cis106: /usr/share
1: mmedina@cis106: /usr/share v
mmedina@cis106:~/lab6$ mkdir ~/lab6-q5
mmedina@cis106:~/lab6$ cd /
mmedina@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
mmedina@cis106:/$ cd /usr/share/
mmedina@cis106:/usr/share$ mkdir ~/lab6-q5/movies
mmedina@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}}
mmedina@cis106:/usr/share$ tree ~/lab6-q5/
/home/mmedina/lab6-q5/
├── data.xls
└── movies
    └── movies.lst
1 directory, 2 files
mmedina@cis106:/usr/share$ _
```

Question 5 Challenge


```
1/1 + [ ] [ ] Tilix: mmedina@cis106: ~
1: mmedina@cis106: ~
mmedina@cis106:~$ 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   800     0 --:--:-- --:--:-- --:--:--   804
mmedina@cis106:~$ mkdir -p challenge-Lab6/{audio/{aac,mp3},docs/{docx,pdf,xls},images/{
jpg,png}}
mmedina@cis106:~$ mv challenge-Lab6/*.aac challenge-Lab6/audio/aac/
mmedina@cis106:~$ mv challenge-Lab6/*.mp3 challenge-Lab6/audio/mp3/
mmedina@cis106:~$ mv challenge-Lab6/*.docx challenge-Lab6/audio/docx/
mv: target 'challenge-Lab6/audio/docx/' is not a directory
mmedina@cis106:~$ mv challenge-Lab6/*.docx challenge-Lab6/docs/docx/
mmedina@cis106:~$ mv challenge-Lab6/*.pdf challenge-Lab6/docs/pdf/
mmedina@cis106:~$ mv challenge-Lab6/*.jpg challenge-Lab6/images/jpg/
mmedina@cis106:~$ mv challenge-Lab6/*.png challenge-Lab6/images/png/
mmedina@cis106:~$ mv challenge-Lab6/{program.go,program.py,program.rb,program.sh} chall
enge-Lab6/docs/
mmedina@cis106:~$ mv challenge-Lab6/{image1.gif,image2.gif} challenge-Lab6/image/
mv: target 'challenge-Lab6/image/' is not a directory
mmedina@cis106:~$ mv challenge-Lab6/{image1.gif,image2.gif} challenge-Lab6/images/
mmedina@cis106:~$ _
```