

lab 6

Question 1

```
1: rrvventura@cis106: ~
rrventura@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/ubuntu-advantage-timer.log
lab6/auth.log              lab6/kern.log        lab6/unattended-upgrades-dpkg.log
lab6/bootstrap.log         lab6/luahbtex.log    lab6/unattended-upgrades.log
lab6/casper.log            lab6/luatex.log      lab6/unattended-upgrades-shutdown.log
lab6/dpkg.log              lab6/mf.log          lab6/updmap.log
lab6/dvilatex.log          lab6/pdfetex.log     lab6/vboxadd-setup.log
lab6/etex.log              lab6/pdftex.log
rrventura@cis106:~$ mkdir lab6/log-files
rrventura@cis106:~$ mv lab6/*.log lab6/log-files/
rrventura@cis106:~$ ls /etc/*.conf
/etc/adduser.conf          /etc/e2scrub.conf     /etc/kernel-img.conf    /etc/nftables.conf    /etc/sensors3.conf
/etc/apg.conf              /etc/fprintd.conf     /etc/kerneloops.conf    /etc/nsswitch.conf     /etc/sudo.conf
/etc/appstream.conf        /etc/fuse.conf        /etc/ld.so.conf         /etc/pam.conf          /etc/sudo_logsrvd.conf
/etc/brltty.conf           /etc/gai.conf         /etc/libao.conf         /etc/pnm2ppa.conf     /etc/sysctl.conf
/etc/ca-certificates.conf  /etc/hdparm.conf      /etc/libaudit.conf      /etc/resolv.conf       /etc/ucf.conf
/etc/debconf.conf          /etc/host.conf        /etc/logrotate.conf     /etc/rsyslog.conf     /etc/usb_modeswitch.conf
/etc/deluser.conf          /etc/inxi.conf        /etc/mke2fs.conf        /etc/rygel.conf       /etc/xattr.conf
rrventura@cis106:~$ ls -lsgH --time-style=+%D /etc/h*.conf /etc/p*.conf
8.0K -rw-r--r-- 1 4.4K 12/15/20 /etc/hdparm.conf
4.0K -rw-r--r-- 1 92 10/15/21 /etc/host.conf
4.0K -rw-r--r-- 1 552 08/11/20 /etc/pam.conf
8.0K -rw-r--r-- 1 7.5K 08/09/22 /etc/pnm2ppa.conf
rrventura@cis106:~$
```

Question 2

```
1: rrvventura@cis106: ~/lab6
rrventura@cis106:~/lab6$ ls .??*
.appveyor.yml      .eslinttrc.json      .last_revision      .sudo_as_admin_successful
.auto-changelog    .eslinttrc.yml       .lessht             .tern-project
.babelrc           .gitattributes        .lint               .testignore
.bash_history      .gitconfig           .metadata-v2        .tm_properties
.bash_logout       .gitignore           .meta.isrunning    .tonic_example.js
.bashrc            .gitkeep             .migrated           .travis.yml
.changed           .gitmodules          .min-wd             .uuid
.cis106.png        .gsd-keyboard.settings-ported .npmignore          .vboxclient-clipboard.pid
.coveralls.yml     .htaccess            .nycrc              .vboxclient-draganddrop.pid
.dir-locals.el     .istanbul.yml        .obsolete           .vboxclient-seamless.pid
.editorconfig      .jscsrc              .padding            .vboxclient-vmvga-session-tty2.pid
.envrc             .jshintignore         .parentlock         .viminfo
.eslintignore      .jshintrc            .prettierrc.yaml    .vsixmanifest
.eslintrc          .keep                .prettierrc.yaml    .profile
.eslintrc.js       .keep
rrventura@cis106:~/lab6$ ls -A *.??
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
rrventura@cis106:~/lab6$ ls l?st*
last.txt list.txt lost.txt
rrventura@cis106:~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
rrventura@cis106:~/lab6$ _
```

Question 3

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

Question 4

```
2: rrventura@cis106: ~/lab6 ▾

rrventura@cis106:~/lab6$ mkdir -p walpapers/{cars}/{1080p,2k,4k}
rrventura@cis106:~/lab6$ tree walpapers/
walpapers/
├── {cars}
│   ├── 1080p
│   ├── 2k
│   └── 4k
└──

4 directories, 0 files
rrventura@cis106:~/lab6$ rm -r walpapers/
rrventura@cis106:~/lab6$ mkdir -p walpapers/cars/{cars/{1080p,2k,4k}}
rrventura@cis106:~/lab6$ tree walpapers
walpapers
├── cars
│   └── {cars}
│       ├── 1080p
│       ├── 2k
│       └── 4k
└──

5 directories, 0 files
rrventura@cis106:~/lab6$ mkdir -p assets/{img,video}/{large,small}
rrventura@cis106:~/lab6$ tree assets/
assets/
├── img
│   ├── large
│   └── small
└── video
    ├── large
    └── small
```

```
5 directories, 0 files
rrventura@cis106:~/lab6$ mkdir -p assets/{img,video}/{large,small}
rrventura@cis106:~/lab6$ tree assets/
assets/
├── img
│   ├── large
│   └── small
└── video
    ├── large
    └── small

6 directories, 0 files
rrventura@cis106:~/lab6$ mkdir -p docs/books/{his,math}/{fall,spring}
rrventura@cis106:~/lab6$ touch docs/books/{his,math}/{fall,spring}/book.pdf
rrventura@cis106:~/lab6$ tree docs/
docs/
├── books
│   ├── his
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
└──
```

```
└─ book.pdf

7 directories, 4 files
rrventura@cis106:~/lab6$ _

2: rrventura@cis106: /usr/share ▾

rrventura@cis106:~/lab6$ mkdir ~/lab6-q5
rrventura@cis106:~/lab6$ cd /
rrventura@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
rrventura@cis106:/$ cd /usr/share/
rrventura@cis106:/usr/share$ mkdir ~/lab6-q5/movies
rrventura@cis106:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,mavel.txt,disney.doc}
rrventura@cis106:/usr/share$ rm ~/lab6-q5/
rm: cannot remove '/home/rrventura/lab6-q5/': Is a directory
rrventura@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,mavel.txt}}
rrventura@cis106:/usr/share$ tree ~/lab6-q5/
/home/rrventura/lab6-q5/
├─ data.xls
├─ movies
│   └─ movies.lst

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

Question 5 challenge