

Lab 6

Question 1

```
1: arosa31267@cis106: ~  
lab6/unattended-upgrades-shutdown.log  
lab6/vboxadd-setup.log  
aros31267@cis106:~$ mkdir lab6/log-files  
aros31267@cis106:~$ mv lab6/*.log lab6/log-files/  
aros31267@cis106:~$ ls /etc/*.conf  
/etc/adduser.conf          /etc/libaudit.conf  
/etc/apg.conf              /etc/logrotate.conf  
/etc/appstream.conf        /etc/mke2fs.conf  
/etc/brltty.conf           /etc/nftables.conf  
/etc/ca-certificates.conf  /etc/nsswitch.conf  
/etc/debconf.conf          /etc/pam.conf  
/etc/deluser.conf          /etc/pnm2ppa.conf  
/etc/e2scrub.conf          /etc/resolv.conf  
/etc/fprintd.conf          /etc/rsyslog.conf  
/etc/fuse.conf             /etc/rygel.conf  
/etc/gai.conf              /etc/sensors3.conf  
/etc/hdparm.conf           /etc/sudo.conf  
/etc/host.conf             /etc/sudo_logsrvd.conf  
/etc/inxi.conf             /etc/sysctl.conf  
/etc/kernel-img.conf       /etc/ucf.conf  
/etc/kerneloops.conf       /etc/usb_modeswitch.conf  
/etc/ld.so.conf            /etc/xattr.conf  
/etc/libao.conf  
aros31267@cis106:~$ ls -lSgCh --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  
aros31267@cis106:~$
```

Question 2

```
1: arosa31267@cis106: ~/lab6  
vboxclient-hostversion-tty2-control.pid.trashinfo  
vboxclient-seamless-tty2-control.pid  
vboxclient-seamless-tty2-control.pid.trashinfo  
vboxclient-seamless-tty2-service.pid  
vboxclient-seamless-tty2-service.pid.trashinfo  
vboxclient-vmvga-session-tty2-control.pid  
vboxclient-vmvga-session-tty2-control.pid.trashinfo  
vboxclient-vmvga-session-tty2-service.pid  
vboxclient-vmvga-session-tty2-service.pid.trashinfo  
vsixmanifest  
aros31267@cis106:~/lab6$ ls -A *.*?  
file_00.sh file_02.sh file_04.sh  
file_01.sh file_03.sh file_05.sh  
aros31267@cis106:~/lab6$ ls l?st*  
last.txt list.txt lost.txt  
aros31267@cis106:~/lab6$ ls *_??.*  
file_00.sh file_02.sh file_04.sh  
file_01.sh file_03.sh file_05.sh  
aros31267@cis106:~/lab6$
```

Question 3

```
arosa31267@cis106:~/lab6$ ls [A-Z]*
Document.doc  Expenses.xls
arosa31267@cis106:~/lab6$ ls [A-Z0-9]*
25Games.lst  Document.doc  Expenses.xls
arosa31267@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
arosa31267@cis106:~/lab6$ ls [a-z]*[0-9].*
apache03.err  file_01.sh  file_03.sh  file_05.sh
file_00.sh    file_02.sh  file_04.sh
arosa31267@cis106:~/lab6$
```

```
1 / 1  +  [?]  ... 267@cis106: ~/lab6  🔍  ☰  -  □
1: arosa31267@cis106: ~/lab6  ▢
arosa31267@cis106:~/lab6$ mkdir -p assets/{imgs,videos}/{large
all}
arosa31267@cis106:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small

6 directories, 0 files
arosa31267@cis106:~/lab6$
```

```
ook.pdf
arosa31267@cis106:~/lab6$ tree docs/
docs/
├── books
│   ├── his
│   │   ├── {fall
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── {fall
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
9 directories, 4 files
arosa31267@cis106:~/lab6$
```

```
arosa31267@cis106:~/lab6$ mkdir ~/lab6-q5
arosa31267@cis106:~/lab6$ cd /
arosa31267@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
arosa31267@cis106:/$ cd /usr/share/
arosa31267@cis106:/usr/share$ mkdir ~/lab6-q5/movies
arosa31267@cis106:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,marvel.txt,disney.doc}
arosa31267@cis106:/usr/share$ rm ~/lab6-q5/
arosa31267@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}}
arosa31267@cis106:/usr/share$ tree ~/lab6-q5/
~/lab6-q5/ [error opening dir]

0 directories, 0 files
arosa31267@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}}
rm: cannot remove '/home/arosa31267/lab6-q5/program.py': No such file or directory
rm: cannot remove '/home/arosa31267/lab6-q5/people.csv': No such file or directory
rm: cannot remove '/home/arosa31267/lab6-q5//movies/disney.doc': No such file or directory
rm: cannot remove '/home/arosa31267/lab6-q5//movies/marvel.txt': No such file or directory
arosa31267@cis106:/usr/share$ tree ~/lab6-q5/
/home/arosa31267/lab6-q5/
├── data.xls
└── movies
    └── movies.lst

1 directory, 2 files
arosa31267@cis106:/usr/share$
```

Question 4

```
1 / 1 + ... 267@cis106: ~/lab6
1: arosa31267@cis106: ~/lab6
aros31267@cis106:~$ cd lab6/
aros31267@cis106:~/lab6$ mkdir -p wallpapers/{cars}/{1080p,2k,4k}
aros31267@cis106:~/lab6$ tree wallpapers/
wallpapers/
├── {cars}
│   ├── 1080p
│   ├── 2k
│   └── 4k
4 directories, 0 files
aros31267@cis106:~/lab6$
```

Question 5 Challenge

```
aros31267@cis106:~/lab6$ mkdir -p challenge-lab6/{audio/{aac,mp3},docs/{docx,pdf,xls},images/{jpg,png}}
aros31267@cis106:~/lab6$ tree challenge-lab6
challenge-lab6
├── audio
│   ├── aac
│   └── mp3
├── docs
│   ├── docx
│   ├── pdf
│   └── xls
└── images
    ├── jpg
    └── png
10 directories, 0 files
aros31267@cis106:~/lab6$
```