Lab 6

Question 1

```
mohammedc@mohammedc-VirtualBox:~$ ls lab6/*.log
lab6/88_Application-log.log  lab6/dpkg.log        lab6/kern.log       lab6/tex.log
lab6/alternatives.log        lab6/dviluatex.log   lab6/luahbtex.log   lab6/ubuntu-advantage.log
lab6/apache01-error.log      lab6/etex.log        lab6/luatex.log     lab6/unattended-upgrades-dpkg.log
lab6/apache22.log            lab6/fontconfig.log  lab6/mf.log         lab6/unattended-upgrades.log
lab6/auth.log                lab6/gpu-manager.log lab6/pdfetex.log    lab6/unattended-upgrades-shutdown.log
lab6/bootstrap.log           lab6/history.log     lab6/pdftex.log     lab6/updmap.log
lab6/casper.log              lab6/http404.log     lab6/term.log       lab6/vboxadd-setup.log
mohammedc@mohammedc-VirtualBox:~$ mkdir lab6/log-files
mohammedc@mohammedc-VirtualBox:~$ mv lab6/*.log lab6/log-files/
mohammedc@mohammedc-VirtualBox:~$ ls /etc/*.conf
/etc/adduser.conf          /etc/deluser.conf  /etc/host.conf       /etc/libaudit.conf  /etc/pnm2ppa.conf  /etc/sudo_logsrvd.conf
/etc/apg.conf              /etc/e2scrub.conf  /etc/inxi.conf       /etc/logrotate.conf /etc/resolv.conf   /etc/sysctl.conf
/etc/appstream.conf        /etc/fprintd.conf  /etc/kernel-img.conf /etc/mke2fs.conf    /etc/rsyslog.conf  /etc/ucf.conf
/etc/brltty.conf           /etc/fuse.conf     /etc/kerneloops.conf /etc/nftables.conf  /etc/rygel.conf    /etc/usb_modeswitch.conf
/etc/ca-certificates.conf  /etc/gai.conf      /etc/ld.so.conf      /etc/nsswitch.conf  /etc/sensors3.conf /etc/xattr.conf
/etc/debconf.conf          /etc/hdparm.conf   /etc/libao.conf      /etc/pam.conf       /etc/sudo.conf
mohammedc@mohammedc-VirtualBox:~$ 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
mohammedc@mohammedc-VirtualBox:~$ _
```

Question 2

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

Question 3

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

Question 4

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

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

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

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

1 directory, 2 files
```