lab 6

Question 1

```
edlantigua@edlantigua-VirtualBox:~$ 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/vboxadd-setup.log
lab6/dpkg.log                 lab6/mf.log             lab6/Xorg.0.log
lab6/dviluatex.log            lab6/pdfetex.log
lab6/etex.log                 lab6/pdftex.log
edlantigua@edlantigua-VirtualBox:~$ mkdir lab6/log-files
edlantigua@edlantigua-VirtualBox:~$ mv lab6/*log lab6/log-files/
edlantigua@edlantigua-VirtualBox:~$ 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
edlantigua@edlantigua-VirtualBox:~$ ls -lSgGh --time-style=-%D /etc/h*.conf /etc/p*.conf
ls: invalid argument '-%D' for 'time style'
Valid arguments are:
  - [posix-]full-iso
  - [posix-]long-iso
  - [posix-]iso
  - [posix-]locale
  - +FORMAT (e.g., +%H:%M) for a 'date'-style format
Try 'ls --help' for more information.
edlantigua@edlantigua-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
edlantigua@edlantigua-VirtualBox:~$ 
```

Question 2

```
edlantigua@edlantigua-VirtualBox:~/lab6$ ls .??*
.auto-changelog                      .min-wd
.babelrc                             .npmignore
.bash_history                        .nycrc
.bash_logout                         .org.chromium.Chromium.2rIiQG
.bashrc                              .parentlock
.changed                             .prettierignore
.cmdline_history                     .prettierrc.yaml
.cod.txt                             .profile
.coveralls.yml                       .registers
.dir-locals.el                       .releaserc.json
.dmrc                                .spmignore
.editorconfig                        .sudo_as_admin_successful
.eslintignore                        .tern-project
.eslintrc                            .testignore
.eslintrc.js                         .tm_properties
.eslintrc.json                       .tonic_example.js
.eslintrc.yml                        .travis.yml
.gitattributes                       .vboxclient-clipboard-tty2-control.pid
.gitconfig                           .vboxclient-clipboard-tty7-control.pid
.gitkeep                             .vboxclient-clipboard-tty7-service.pid
.gitmodules                          .vboxclient-draganddrop-tty2-control.pid
.gsd-keyboard.settings-ported        .vboxclient-draganddrop-tty7-control.pid
.hidden                              .vboxclient-draganddrop-tty7-service.pid
.htaccess                            .vboxclient-hostversion-tty2-control.pid
.ignore                              .vboxclient-hostversion-tty7-control.pid
.istanbul.yml                        .vboxclient-seamless-tty2-control.pid
.jscs.json                           .vboxclient-seamless-tty7-control.pid
.jscsrc                              .vboxclient-seamless-tty7-service.pid
.jshintignore                        .vboxclient-vmsvga-session-tty2-control.pid
.jshintrc                            .vboxclient-vmsvga-session-tty7-control.pid
.keep                                .vboxclient-vmsvga-session-tty7-service.pid
.last_revision                       .viminfo
.lesshst                             .vsixmanifest
.lint                                .Xauthority
.metadata-v2                         .xsession-errors
.meta.isrunning                      .xsession-errors.old
edlantigua@edlantigua-VirtualBox:~/lab6$ ls -A *.??
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
edlantigua@edlantigua-VirtualBox:~/lab6$ ls l?st*
last.txt  list.txt  lost.txt
edlantigua@edlantigua-VirtualBox:~/lab6$ ls *_??.*
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
edlantigua@edlantigua-VirtualBox:~/lab6$
```

Question 3

```
edlantigua@edlantigua-VirtualBox:~/lab6$ ls [A-z]*
apache03.err   Expenses.xls   file_01.sh   file_03.sh   file_05.sh   list.txt   trip22-info.doc
Document.doc   file_00.sh     file_02.sh   file_04.sh   last.txt     lost.txt

log-files:
88_Application-log.log   dpkg.log          kern.log      tex.log
alternatives.log         dviluatex.log     luahbtex.log  ubuntu-advantage.log
apache01-error.log       etex.log          luatex.log    unattended-upgrades-dpkg.log
apache22.log             fontconfig.log    mf.log        unattended-upgrades.log
auth.log                 gpu-manager.log   pdfetex.log   unattended-upgrades-shutdown.log
bootstrap.log            history.log       pdftex.log    vboxadd-setup.log
casper.log               http404.log       term.log      Xorg.0.log
edlantigua@edlantigua-VirtualBox:~/lab6$ ls [A-Z0-9]*
25Games.lst  Document.doc  Expenses.xls
edlantigua@edlantigua-VirtualBox:~/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
edlantigua@edlantigua-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
edlantigua@edlantigua-VirtualBox:~/lab6$
```

Question 4

```
tree docs
touch docs/books/{his,math}/{fall,spring}/book.pdf
mkdir -p  docs/books/{his,math}/{fall,spring}/book.pdf
tree docs
history
```

```
touch: cannot touch 'docs/books/math/spring/Desktop': No such
edlantigua@edlantigua-VirtualBox:~/lab6$ tree docs
docs
└── books
    ├── his
    │   ├── fall
    │   │   └── book.pdf
    │   └── spring
    │       └── book.pdf
    └── math
        ├── fall
        │   └── book.pdf
        └── spring
            └── book.pdf

11 directories, 0 files
```

```
4 directories, 0 files
edlantigua@edlantigua-VirtualBox:~/lab6$ rm -r wallapapers/{cars}/{1080p,2k,4k}
edlantigua@edlantigua-VirtualBox:~/lab6$ mkdir -p  wallpapers/cars/{1080p,2k,4k}
edlantigua@edlantigua-VirtualBox:~/lab6$ tree wallpapers
wallpapers
└── cars
    ├── 1080p
    ├── 2k                                          4 / 5
    └── 4k

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

3 directories, 0 files
edlantigua@edlantigua-VirtualBox:~/lab6$ mkdir -p assets/{imags,videos}/{large,small}
edlantigua@edlantigua-VirtualBox:~/lab6$ tree assets/
assets/
├── imags
│   ├── large
│   └── small
├── {imags.videos}
└── videos
    ├── large
    └── small

7 directories, 0 files
```

```
edlantigua@edlantigua-VirtualBox:~/lab6$ mkdir ~/lab6-q5
edlantigua@edlantigua-VirtualBox:~/lab6$ cd /
edlantigua@edlantigua-VirtualBox:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
edlantigua@edlantigua-VirtualBox:/$ cd /usr/share/
edlantigua@edlantigua-VirtualBox:/usr/share$ mkdir ~/lab6-q5/movies
edlantigua@edlantigua-VirtualBox:/usr/share$ touch ~lab6-q5/movies/{movies.lst,marvel.txt,disney.doc}
touch: cannot touch '~lab6-q5/movies/movies.lst': No such file or directory
touch: cannot touch '~lab6-q5/movies/marvel.txt': No such file or directory
touch: cannot touch '~lab6-q5/movies/disney.doc': No such file or directory
edlantigua@edlantigua-VirtualBox:/usr/share$ rm ~/lab6-q5/program.py,people.csv,/movies/{disney.doc,marvel.txt}}
rm: cannot remove '/home/edlantigua/lab6-q5/program.py,people.csv,/movies/disney.doc}': No such file or director
rm: cannot remove '/home/edlantigua/lab6-q5/program.py,people.csv,/movies/marvel.txt}': No such file or director
edlantigua@edlantigua-VirtualBox:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}
edlantigua@edlantigua-VirtualBox:/usr/share$ tree ~/lab6-q5/
/home/edlantigua/lab6-q5/
├── data.xls
└── movies
    └── movies.lst

1 directory, 2 files
edlantigua@edlantigua-VirtualBox:/usr/share$ █
```

Question 5 Challenge

```
edlantigua@edlantigua-VirtualBox:~/challenge-Lab6$
edlantigua@edlantigua-VirtualBox:~/challenge-Lab6$ mv 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.jp
g,image2.jpg}/png/{image1.png,image2.png}/program/{program.go,program.py, program.rb}}
mv: target 'program.rb}}' is not a directory
edlantigua@edlantigua-VirtualBox:~/challenge-Lab6$ tree
.
├── audio
│   ├── aac
│   │   └── placeholder.txt
│   └── mp3
│       └── placeholder.txt
├── docs
│   ├── docx
│   │   └── placeholder.txt
│   ├── pdf
│   │   └── placeholder.txt
│   └── xls
│       └── placeholder.txt
├── docs1.docx
├── docs1.pdf
├── docs2.docx
├── docs2.pdf
├── image1.gif
├── image1.jpg
├── image1.png
├── image2.gif
├── image2.jpg
├── image2.png
├── images
│   ├── jpg
│   │   └── placeholder.txt
│   └── png
│       └── placeholder.txt
├── program.go
├── program.py
├── program.rb
├── program.sh
├── song1.aac
├── song1.mp3
├── song2.aac
└── song2.mp3

10 directories, 25 files
edlantigua@edlantigua-VirtualBox:~/challenge-Lab6$
```