Lab 6

Question 1

```
1/1 ∨  +   ⬚   ⬚                                                    Tilix: ajtavar

1: ajtavarez@cis106: ~ ∨                                                  A⌶  ☐   ✕

jtavarez@cis106:~$ ls lab6/*.log
ab6/88_Application-log.log
ab6/access.log
ab6/alternatives.log
ab6/apache01-error.log
ab6/apache22.log
ab6/auth.log
ab6/bootstrap.log
ab6/casper.log
ab6/dpkg.log
ab6/dviluatex.log
ab6/error.log
ab6/etex.log
ab6/fontconfig.log
ab6/gpu-manager.log
ab6/history.log
ab6/http404.log
ab6/kern.log
ab6/luahbtex.log
ab6/luatex.log
ab6/mf.log
ab6/other_vhosts_access.log
ab6/pdfetex.log
ab6/pdftex.log
ab6/term.log
ab6/tex.log
ab6/ubuntu-advantage.log
ab6/unattended-upgrades-dpkg.log
ab6/unattended-upgrades.log
ab6/unattended-upgrades-shutdown.log
ab6/updmap.log
ab6/vboxadd-setup.log
jtavarez@cis106:~$ mkdir lab6/log-files
jtavarez@cis106:~$ mv lab6/*.log lab6/log-files/
```
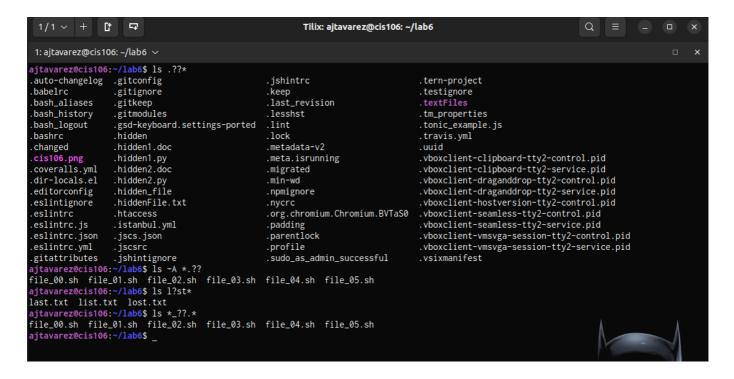
```
ajtavarez@cis106:~$ ls /etc/*.conf
/etc/adduser.conf           /etc/libaudit.conf
/etc/apg.conf               /etc/logrotate.conf
/etc/appstream.conf         /etc/mke2fs.conf
/etc/brltty.conf            /etc/nftables.conf
/etc/ca-certificates.conf   /etc/nsswitch.conf
/etc/debconf.conf           /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
ajtavarez@cis106:~$ 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
```

Question 2

```
1/1 ∨  +  ⬚  ⬚                        Tilix: ajtavarez@cis106: ~/lab6                    🔍  ≡  —  ▢  ✕

1: ajtavarez@cis106: ~/lab6 ∨                                                                      ▢  ✕
ajtavarez@cis106:~/lab6$ ls .??*
.auto-changelog  .gitconfig                .jshintrc                .tern-project
.babelrc         .gitignore                .keep                    .testignore
.bash_aliases    .gitkeep                  .last_revision           .textFiles
.bash_history    .gitmodules               .lesshst                 .tm_properties
.bash_logout     .gsd-keyboard.settings-ported  .lint               .tonic_example.js
.bashrc          .hidden                   .lock                    .travis.yml
.changed         .hidden1.doc              .metadata-v2             .uuid
.cis106.png      .hidden1.py               .meta.isrunning          .vboxclient-clipboard-tty2-control.pid
.coveralls.yml   .hidden2.doc              .migrated                .vboxclient-clipboard-tty2-service.pid
.dir-locals.el   .hidden2.py               .min-wd                  .vboxclient-draganddrop-tty2-control.pid
.editorconfig    .hidden_file              .npmignore               .vboxclient-draganddrop-tty2-service.pid
.eslintignore    .hiddenFile.txt           .nycrc                   .vboxclient-hostversion-tty2-control.pid
.eslintrc        .htaccess                 .org.chromium.Chromium.BVTaS0  .vboxclient-seamless-tty2-control.pid
.eslintrc.js     .istanbul.yml             .padding                 .vboxclient-seamless-tty2-service.pid
.eslintrc.json   .jscs.json                .parentlock              .vboxclient-vmsvga-session-tty2-control.pid
.eslintrc.yml    .jscsrc                   .profile                 .vboxclient-vmsvga-session-tty2-service.pid
.gitattributes   .jshintignore             .sudo_as_admin_successful  .vsixmanifest
ajtavarez@cis106:~/lab6$ ls -A *.??
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
ajtavarez@cis106:~/lab6$ ls l?st*
last.txt  list.txt  lost.txt
ajtavarez@cis106:~/lab6$ ls *_??.*
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
ajtavarez@cis106:~/lab6$ _
```

Question 3

```
1/1 ∨  +  ⬚  ⬚                        Tilix: ajtavarez@cis106: ~/lab6                    🔍  ≡  —  ▢  ✕

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

Question 4

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

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

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

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

7 directories, 4 files
ajtavarez@cis106:~/lab6$
```

Applications Places

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1: ajtavarez@cis106: /usr/share ∨

```
ajtavarez@cis106:~/lab6$ mkdir ~/lab6-q5
ajtavarez@cis106:~/lab6$ cd /
ajtavarez@cis106:/$ touch ~/lba6-q5/{program.py,people.csv,data.xls}
touch: cannot touch '/home/ajtavarez/lba6-q5/program.py': No such file or directory
touch: cannot touch '/home/ajtavarez/lba6-q5/people.csv': No such file or directory
touch: cannot touch '/home/ajtavarez/lba6-q5/data.xls': No such file or directory
ajtavarez@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
ajtavarez@cis106:/$ cd /usr/share/
ajtavarez@cis106:/usr/share$ mkdir ~/lab6-q5/movies
ajtavarez@cis106:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,marvel.txt,disney.doc}
ajtavarez@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}}
ajtavarez@cis106:/usr/share$ tree ~/lab6-q5/
```

```
/home/ajtavarez/lab6-q5/
├── data.xls
└── movies
    └── movies.lst

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

Question 5 challenge

```
ajtavarez@cis106:~/challenge-Lab6$ mkdir -p audio/{aac,mp3} docs/{docx,pdf,xls} images/{jpg,png}_
```

```
jtavarez@cis106:~$ mv challenge-Lab6/audio/*.aac challenge-Lab6/audio/aac/
jtavarez@cis106:~$ mv challenge-Lab6/*.mp3 challenge-Lab6/audio/mp3/
v: cannot stat 'challenge-Lab6/*.mp3': No such file or directory
jtavarez@cis106:~$ mv challenge-Lab6/audio/*.mp3 challenge-Lab6/audio/mp3/
jtavarez@cis106:~$ mv challenge-lab6/*.docx challenge-lab6/docs/docx/
v: cannot stat 'challenge-lab6/*.docx': No such file or directory
jtavarez@cis106:~$ mv challenge-Lab6/*.docx challenge-Lab6/docs/docx/
jtavarez@cis106:~$ mv challenge-Lab6/*.pdf challenge-Lab6/docs/pdf/
```

```
jtavarez@cis106:~$ mv challenge-Lab6/*.docx challenge-Lab6/docs/docx/
jtavarez@cis106:~$ mv challenge-Lab6/*.pdf challenge-Lab6/docs/pdf/
```

```
ajtavarez@cis106:~$ mv challenge-Lab6/*.png challenge-Lab6/images/png/
ajtavarez@cis106:~$ mv challenge-Lab6/*.gif challenge-Lab6/gif/
mv: target 'challenge-Lab6/gif/' is not a directory
ajtavarez@cis106:~$ mv challenge-Lab6/*.gif challenge-Lab6/images/gif
```

```
ajtavarez@cis106:~/challenge-Lab6$ tree
.                                        6 / 6
├── audio
│   ├── aac
│   │   ├── song1.aac
│   │   └── song2.aac
│   └── mp3
│       ├── song1.mp3
│       └── song2.mp3
├── docs
│   ├── docx
│   │   ├── docs1.docx
│   │   └── docs2.docx
│   ├── pdf
│   │   ├── docs1.pdf
│   │   └── docs2.pdf
│   └── xls
├── images
│   ├── gif
│   │   ├── image1.gif
│   │   └── image2.gif
│   ├── jpg
│   │   ├── image1.jpg
│   │   └── image2.jpg
│   └── png
│       ├── image1.png
│       └── image2.png
└── programs
    ├── program.go
    ├── program.py
    ├── program.rb
    └── program.sh

12 directories, 18 files
ajtavarez@cis106:~/challenge-Lab6$ _
```