

## Question 1

```
Tilix: jpbrownjames@cis106: ~
1: jpbrownjames@cis106: ~
jpbrownjames@cis106:~$ ls lab6/*.log
lab6/88_Application-log.log  lab6/kern.log
lab6/alternatives.log      lab6/luahbtex.log
lab6/apache01-error.log    lab6/luatex.log
lab6/apache22.log          lab6/mf.log
lab6/auth.log              lab6/pdfetex.log
lab6/bootstrap.log         lab6/pdftex.log
lab6/casper.log            lab6/term.log
lab6/dpkg.log              lab6/tex.log
lab6/dvluatex.log          lab6/ubuntu-advantage.log
lab6/etex.log              lab6/unattended-upgrades-dpkg.log
lab6/fontconfig.log        lab6/unattended-upgrades.log
lab6/gpu-manager.log       lab6/unattended-upgrades-shutdown.log
lab6/history.log           lab6/vboxadd-setup.log
lab6/http404.log

jpbrownjames@cis106:~$ mkdir lab6/log-files
jpbrownjames@cis106:~$ mv lab6/*.log lab6/log-files/
log-files/ lost.txt
jpbrownjames@cis106:~$ mv lab6/*.log lab6/log-files/
jpbrownjames@cis106:~$
```

```
Tilix: jpbrownjames@cis106: ~
1: jpbrownjames@cis106: ~
jpbrownjames@cis106:~$ ls /etc/*.conf
/etc/adduser.conf      /etc/host.conf        /etc/pnm2ppa.conf
/etc/apg.conf          /etc/inxi.conf        /etc/resolv.conf
/etc/appstream.conf    /etc/kernel-img.conf  /etc/rsyslog.conf
/etc/brltty.conf       /etc/kerneloops.conf  /etc/rygel.conf
/etc/ca-certificates.conf /etc/ld.so.conf        /etc/sensors3.conf
/etc/debconf.conf      /etc/libao.conf        /etc/sudo.conf
/etc/deluser.conf      /etc/libaudit.conf     /etc/sudo_logsrvd.conf
/etc/e2scrub.conf       /etc/logrotate.conf    /etc/sysctl.conf
/etc/fprintd.conf      /etc/mke2fs.conf       /etc/ucf.conf
/etc/fuse.conf          /etc/nftables.conf     /etc/usb_modeswitch.conf
/etc/gai.conf           /etc/nsswitch.conf     /etc/xattr.conf
/etc/hdparm.conf        /etc/pam.conf

jpbrownjames@cis106:~$ ls -lsGh --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
jpbrownjames@cis106:~$
```

## Question 2

```
1/1 + [ ] [ ] TiliX: jpbrownjame
1: jpbrownjames@cis106: ~/lab6
jpbrownjames@cis106:~$ cd lab6/
jpbrownjames@cis106:~/lab6$ ls .??*
.bash_aliases          .lessshst
.bash_history          .metadata-v2
.bash_logout           .meta.isrunning
.bashrc                .min-wd
.bastetrc              .npmignore
.changed               .nycrc
.coveralls.yml         .padding
.dir-locals.el         .parentlock
.editorconfig          .prettierignore
.eslintignore          .prettierrc.yaml
.eslintrc              .profile
.eslintrc.js           .releaserc.json
.eslintrc.json         .spmignore
.eslintrc.yml          .sudo_as_admin_successful
.gitattributes         .tern-project
.gitconfig             .textFiles
.gitkeep               .text.swp
.gitmodules            .tm_properties
.gsd-keyboard.settings-portcd .tonic_example.js
.hidden               .travis.yml
.hidden1.doc          .userinput.sh.swp
.hidden1.py            .vboxclient-clipboard-tty2-control.pid
.hidden2.doc          .vboxclient-clipboard-tty2-service.pid
.hidden2.py            .vboxclient-draganddrop-tty2-control.pid
.hiddenFile.txt       .vboxclient-draganddrop-tty2-service.pid
.htaccess             .vboxclient-hostversion-tty2-control.pid
.ignore               .vboxclient-seamless-tty2-control.pid
.jscs.json            .vboxclient-seamless-tty2-service.pid
.jscsrc               .vboxclient-vmvga-session-tty2-control.pid
.jshintrc             .vboxclient-vmvga-session-tty2-service.pid
.keep                 .viminfo
.last_revision        .vsixmanifest
jpbrownjames@cis106:~/lab6$ ls -A *.??
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
jpbrownjames@cis106:~/lab6$ ls l?st*
last.txt list.txt lost.txt
jpbrownjames@cis106:~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
jpbrownjames@cis106:~/lab6$
```

## Question 3

```
1/1  +  [f]  [q]  Tilix: jpbrownjame

1:jpbrownjames@cis106: ~/lab6  ▾

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

## Question 4

```
1/1  +  [ ]  [ ]  
1:jpbrownjames@cis106: ~/lab6  ▾  
jpbrownjames@cis106:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}  
jpbrownjames@cis106:~/lab6$ tree wallpapers/  
wallpapers/  
├── cars  
│   ├── 1080p  
│   ├── 2k  
│   └── 4k  
  
4 directories, 0 files  
jpbrownjames@cis106:~/lab6$
```

```
2:jpbrownjames@cis106: ~/lab6  ▾  
jpbrownjames@cis106:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}  
jpbrownjames@cis106:~/lab6$ tree assets/  
assets/  
├── imgs  
│   ├── large  
│   └── small  
└── videos  
    ├── large  
    └── small  
  
6 directories, 0 files  
jpbrownjames@cis106:~/lab6$
```

```
1/1 + [share] [copy] Tilix: jpbrownjames

1: jpbrownjames@cis106: ~/lab6
jpbrownjames@cis106:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
jpbrownjames@cis106:~/lab6$ touch docs/books/{history,math}/{fall,spring}/book.pdf
jpbrownjames@cis106:~/lab6$ tree docs/
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
7 directories, 4 files
jpbrownjames@cis106:~/lab6$
```

```
1/1 + [share] [copy] Tilix: jpbrownjames

1: jpbrownjames@cis106: /usr/share
jpbrownjames@cis106:~/lab6$ mkdir ~/lab6-q5
jpbrownjames@cis106:~/lab6$ cd /
jpbrownjames@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
jpbrownjames@cis106:/$ cd /usr/share/
jpbrownjames@cis106:/usr/share$ mkdir ~/lab6-q5/movies
jpbrownjames@cis106:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,movie.txt,disney.doc}
jpbrownjames@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,movies/{disney.doc,movie.txt}}
rm: cannot remove '/home/jpbrownjames/lab6-q5/people.csv/movies/disney.doc': Not a directory
rm: cannot remove '/home/jpbrownjames/lab6-q5/people.csv/movies/movie.txt': Not a directory
jpbrownjames@cis106:/usr/share$ touch ~/lab6-q5/program.py
jpbrownjames@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,movies/{disney.doc,movie.txt}}
jpbrownjames@cis106:/usr/share$
```

## Challenge Question

```
1 / 1  +  [ ]  [ ]

1: jpbrownjames@cis106: ~/challenge-Lab6  v

jpbrownjames@cis106:~/challenge-Lab6$ mv *.docx ~/challenge-Lab6/docs/docx/
jpbrownjames@cis106:~/challenge-Lab6$ mv *.pdf ~/challenge-Lab6/image
image1.gif image1.jpg image1.png image2.gif image2.jpg image2.png images/
jpbrownjames@cis106:~/challenge-Lab6$ mv *.pdf ~/challenge-Lab6/docs/pdf/
jpbrownjames@cis106:~/challenge-Lab6$ mv *.png ~/challenge-Lab6/images/png/
jpbrownjames@cis106:~/challenge-Lab6$ mv *.jpg ~/challenge-Lab6/images/jpg/
jpbrownjames@cis106:~/challenge-Lab6$ mv *.aac ~/challenge-Lab6/audio/aac/
jpbrownjames@cis106:~/challenge-Lab6$ mv *.mp3 ~/challenge-Lab6/audio/mp3/
jpbrownjames@cis106:~/challenge-Lab6$ mkdir gifs
jpbrownjames@cis106:~/challenge-Lab6$ mkdir images/gif
jpbrownjames@cis106:~/challenge-Lab6$ mv *.gif ~/challenge-Lab6/images/gif/
jpbrownjames@cis106:~/challenge-Lab6$ mkdir -p program/{go,py,rb,sh}
jpbrownjames@cis106:~/challenge-Lab6$ mv program.go ~/challenge-Lab6/program/go/
jpbrownjames@cis106:~/challenge-Lab6$ mv program.py ~/challenge-Lab6/program/py/
jpbrownjames@cis106:~/challenge-Lab6$ mv program.rb ~/challenge-Lab6/program/rb/
jpbrownjames@cis106:~/challenge-Lab6$ mv program.sh ~/challenge-Lab6/program/sh/
jpbrownjames@cis106:~/challenge-Lab6$ tree
.
├── 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
└── program
    ├── go
    │   └── program.go
    ├── py
    │   └── program.py
    ├── rb
    │   └── program.rb
    └── sh
        └── program.sh

16 directories, 18 files
jpbrownjames@cis106:~/challenge-Lab6$
```