

# Lab 6

## Question 1

```

1/1  +  [ ]  [ ]  Tilix: tdelane-smith@cis106: ~  Q  [ ]  -  [ ]  x

1: tdelane-smith@cis106: ~  [ ]  [ ]  x

btex.log  lab6/pdftex.log  lab6/unattended-upgrades-dpkg.log  lab6/Xorg.0.log
tdelane-smith@cis106:~$ mkdir lab6/log-files
tdelane-smith@cis106:~$ mv lab6/*.log lab6/log-files/
tdelane-smith@cis106:~$ ls /etc/*.conf
/etc/adduser.conf  /etc/ca-certificates.conf  /etc/fprintd.conf  /etc/host.conf
/etc/ld.so.conf  /etc/mke2fs.conf  /etc/pnm2ppa.conf  /etc/sensors3.conf
/etc/ucf.conf
/etc/apg.conf  /etc/debconf.conf  /etc/fuse.conf  /etc/inxi.conf
/etc/libao.conf  /etc/nftables.conf  /etc/resolv.conf  /etc/sudo.conf
/etc/usb_modeswitch.conf
/etc/appstream.conf  /etc/deluser.conf  /etc/gai.conf  /etc/kernel-imag
/etc/libaudit.conf  /etc/nsswitch.conf  /etc/rsyslog.conf  /etc/sudo_log
/etc/xattr.conf
/etc/brltty.conf  /etc/e2scrub.conf  /etc/hdparm.conf  /etc/kernelloc
/etc/logrotate.conf  /etc/pam.conf  /etc/rygel.conf  /etc/sysctl
tdelane-smith@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
tdelane-smith@cis106:~$

```

## Question 2

```

1/1  +  [ ]  [ ]  Tilix: tdelane-smith@cis106: ~/lab6  Q  [ ]  -  [ ]  x

1: tdelane-smith@cis106: ~/lab6  [ ]  [ ]  x

tdelane-smith@cis106:~/lab6$ ls .??*
.auto-changelog  .eslintignore  .hidden  .lessshst  .prettierrc  .travis.yml  .vboxclient-seamless-tty2-control.pid
.babelrc  .eslintrc  .htaccess  .lint  .prettierrc.yaml  .vboxclient-clipboard-tty2-control.pid  .vboxclient-seamless-tty7-control.pid
.bash_history  .eslintrc.js  .ignore  .lnt  .profile  .vboxclient-clipboard-tty7-control.pid  .vboxclient-seamless-tty7-service.pid
.bash_logout  .eslintrc.json  .istanbul.yml  .metadatas-v2  .releaserc.json  .vboxclient-clipboard-tty7-service.pid  .vboxclient-vmsvga-session-tty2-control.pid
.bashrc  .eslintrc.yml  .jscs.json  .meta.isrunning  .spnignore  .vboxclient-draganddrop-tty2-control.pid  .vboxclient-vmsvga-session-tty7-control.pid
.changed  .gitattributes  .jscsrc  .nvmignore  .sudo_as_admin_successful  .vboxclient-draganddrop-tty7-control.pid  .vsixmanifest
.coveralls.yml  .gitconfig  .jshintignore  .nycrc  .tern-project  .vboxclient-draganddrop-tty7-service.pid  .xauthority
.dir-locals.el  .gitkeep  .jshintrc  .obsolete  .testignore  .vboxclient-hostversion-tty2-control.pid  .xsession-errors
.dnirc  .gitmodules  .keep  .padding  .tn_properties  .vboxclient-hostversion-tty7-control.pid  .xsession-errors.old
.editorconfig  .gdb-keyboard.settings-ported  .last_revision  .parentlock  .tonic_example.js  .vboxclient-seamless-tty2-control.pid
tdelane-smith@cis106:~/lab6$ ls -A *.??
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
tdelane-smith@cis106:~/lab6$ ls ?st*
last.txt  list.txt  lost.txt
tdelane-smith@cis106:~/lab6$ ls *.*
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
tdelane-smith@cis106:~/lab6$

```

## Question 3

```
1/1 + [T] [Q]
Tilix: tdelane-smith@cis106: ~/lab6

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

## Question 4

```
1: tdelane-smith@cis106: ~/lab6
├─ 2k
└─ 4k

4 directories, 0 files
tdelane-smith@cis106:~/lab6$ mkdir -p assets/{imgs,video}/{large,small}
mkdir: cannot create directory '/imgs': Permission denied
mkdir: cannot create directory '/imgs': Permission denied
mkdir: cannot create directory '/video': Permission denied
mkdir: cannot create directory '/video': Permission denied
tdelane-smith@cis106:~/lab6$ mkdir -p assets/{imgs,video}/{large,small}
tdelane-smith@cis106:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small

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

7 directories, 4 files
tdelane-smith@cis106:~/lab6$
```

## Challenge Question 5

```
3 directories, 0 files
tdelane-smith@cis106:~/challenge-lab6$ ls
challenge-lab6 docs1.pdf docs2.pdf image1.jpg image2.gif image2.png program.py program.sh song1.mp3 song2.mp3
docs1.docx docs2.docx image1.gif image1.png image2.jpg program.go program.rb song1.aac song2.aac
tdelane-smith@cis106:~/challenge-lab6$ ls
challenge-lab6 image1.gif image2.gif program.go program.py program.rb program.sh
tdelane-smith@cis106:~/challenge-lab6$ tree challenge-lab6/
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.jpg
    │   └── image2.jpg
    ├── png
    │   ├── image1.png
    │   └── image2.png
```