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Lab 6 Submission

Question 1

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

Question 2

```

daakwete@c106:~/lab6$ ls .??*
.auto-changelog      .hidden              .nycrc
.babelrc             .hidden1.doc         .padding
.bash_history        .hidden1.py          .parentlock
.bash_logout         .hidden2.doc         .profile
.bashrc              .hidden2.py          .sudo_as_admin_successful
.changed             .hiddenFile.txt      .tern-project
.cis106.png          .htaccess            .testignore
.coveralls.yml       .istanbul.yml        .tm_properties
.dir-locals.el       .jscs.json           .tonic_example.js
.editorconfig        .jscsrc              .travis.yml
.eslintignore        .jshintignore         .uuid
.eslintrc            .jshintrc            .vboxclient-clipboard-tty2-control.pid
.eslintrc.js         .keep                .vboxclient-clipboard-tty2-service.pid
.eslintrc.json       .last_revision       .vboxclient-draganddrop-tty2-control.pid
.eslintrc.yml        .lessht              .vboxclient-draganddrop-tty2-service.pid
.gitattributes       .lint                .vboxclient-hostversion-tty2-control.pid
.gitconfig           .metadata-v2         .vboxclient-seamless-tty2-control.pid
.gitignore           .meta.isrunning     .vboxclient-seamless-tty2-service.pid
.gitkeep             .migrated            .vboxclient-vmsvga-session-tty2-control.pid
.gitmodules          .min-wd              .vboxclient-vmsvga-session-tty2-service.pid
.gsd-keyboard.settings-ported .npmignore           .vsixmanifest
daakwete@c106:~/lab6$ ls -A *.*?
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
daakwete@c106:~/lab6$ ls l?st*
last.txt list.txt lost.txt
daakwete@c106:~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
daakwete@c106:~/lab6$

```

Question 3

```

daakwete@c106:~/lab6$ ls [A-Z]*
Document.doc Expenses.xls
daakwete@c106:~/lab6$ ls [A-Z0-9]*
25Games.lst Document.doc Expenses.xls
daakwete@c106:~/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
daakwete@c106:~/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
daakwete@c106:~/lab6$

```

Question 4

```

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

```

4 directories, 0 files

```

daakwete@cis106:~/lab6$

```

```

daakwete@cis106:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
daakwete@cis106:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small

```

6 directories, 0 files

```

daakwete@cis106:~/lab6$

```

```

daakwete@cis106:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
daakwete@cis106:~/lab6$ touch docs/books/{history,math}/{fall,spring}/book.pdf
daakwete@cis106:~/lab6$ tree docs/
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf

```

7 directories, 4 files

```

daakwete@cis106:~/lab6$

```

```

daakwete@cis106:~/lab6$ mkdir ~/lab6-q5
daakwete@cis106:~/lab6$ cd /
daakwete@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
daakwete@cis106:/$ cd /usr/share/
daakwete@cis106:/usr/share$ mkdir ~/lab6-q5/movies
daakwete@cis106:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,movie.txt,disney.doc}
daakwete@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,movie.txt}}
rm: cannot remove '/home/daakwete/lab6-q5/{program.py,people.csv,/movies/disney.doc}': No such file or directory
rm: cannot remove '/home/daakwete/lab6-q5/{program.py,people.csv,/movies/movie.txt}': No such file or directory
daakwete@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,movie.txt}}
daakwete@cis106:/usr/share$ tree ~/lab6-q5/
/home/daakwete/lab6-q5/
├── data.xls
└── movies
    └── movies.lst

```

1 directory, 2 files

```

daakwete@cis106:/usr/share$

```

Challenge Question

```
daakwetee@cis106:~$ mkdir -p challenge-lab6/{audio/{aac,mp3},docs/{docx,pdf,xls},images/{jpg,png}}
daakwetee@cis106:~$ tree challenge-lab6/
challenge-lab6/
├── audio
│   ├── aac
│   └── mp3
├── docs
│   ├── docx
│   ├── pdf
│   └── xls
└── images
    ├── jpg
    └── png

10 directories, 0 files
daakwetee@cis106:~$ mv challenge-Lab6/*.aac challenge-lab6/audio/aac
daakwetee@cis106:~$ mv challenge-Lab6/*.mp3 challenge-lab6/audio/mp3
daakwetee@cis106:~$ mv challenge-Lab6/*.docx challenge-lab6/docs/docx
daakwetee@cis106:~$ mv challenge-Lab6/*.pdf challenge-lab6/docs/pdf
daakwetee@cis106:~$ mv challenge-Lab6/*.jpg challenge-lab6/images/jpg
daakwetee@cis106:~$ mv challenge-Lab6/*.png challenge-lab6/images/png
daakwetee@cis106:~$ 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

10 directories, 12 files
daakwetee@cis106:~$
```