

Lab 6

Question 1

```

kmtorres46747@cis106:~/lab6$ ls
25Games.lst          file_01.sh           mf.log
88_Application-log.log file_02.sh           pdfetex.log
alternatives.log      file_03.sh           pdftex.log
apache01-error.log    file_04.sh           term.log
apache03.err          file_05.sh           tex.log
apache22.log          fontconfig.log       trip22-info.doc
auth.log              gpu-manager.log      ubuntu-advantage.log
bootstrap.log          history.log           ubuntu-advantage-timer.log
casper.log            http404.log           unattended-upgrades-dpkg.log
Document.doc          kern.log              unattended-upgrades.log
dpkg.log              last.txt              unattended-upgrades-shutdown.log
dviluatex.log          list.txt              updmap.log
etex.log              lost.txt              vboxadd-setup.log
Expenses.xls          luahtex.log
file_00.sh            luatex.log

```

```

kmtorres46747@cis106:~/lab6$ mkdir log-files

```

```

kmtorres46747@cis106:~/lab6$ mv *.log log-files/

```

```

kmtorres46747@cis106:~/lab6$ ls /etc/*.conf

```

```

/etc/adduser.conf
/etc/apg.conf
/etc/appstream.conf
/etc/brltty.conf
/etc/ca-certificates.conf
/etc/debconf.conf
/etc/deluser.conf
/etc/e2scrub.conf
/etc/fprintd.conf
/etc/fuse.conf
/etc/gai.conf
/etc/hdparm.conf
/etc/host.conf
/etc/inxi.conf
/etc/kernel-img.conf
/etc/kerneloops.conf
/etc/ld.so.conf
/etc/libao.conf
/etc/libaudit.conf
/etc/logrotate.conf
/etc/mke2fs.conf
/etc/nftables.conf
/etc/nsswitch.conf
/etc/pam.conf

```

```

/etc/pnm2ppa.conf
/etc/resolv.conf
/etc/rsyslog.conf
/etc/rygel.conf
/etc/sensors3.conf
/etc/sudo.conf
/etc/sudo_logsrvd.conf
/etc/sysctl.conf
/etc/ucf.conf
/etc/usb_modeswitch.conf
/etc/xattr.conf

```

```

kmtorres46747@cis106:~/lab6$ ls -lsg6h --time-style=+%D /etc/h*.conf /etc/p*.conf

```

```

8.0K -rw-r--r-- 1 4.4K 12/15/20 /etc/hdparm.conf

```

```
4.0K -rw-r--r-- 1 92 10/15/21 /etc/hosts.conf
4.0K -rw-r--r-- 1 552 08/11/20 /etc/pam.conf
8.0K -rw-r--r-- 1 7.5K 08/09/22 /etc/pnm2ppa.conf
kmtorres46747@cis106:~/lab6$
```

Question 2

```
kmtorres46747@cis106:~/lab6$ ls .??*
.appveyor.yml      .gitmodules        .min-wd
.auto-changelog    .gsd-keyboard.settings-ported .npmignore
.babelrc           .hidden            .nycrc
.bash_history      .hidden1.doc       .padding
.bash_logout       .hidden1.py        .parentlock
.bashrc            .hidden2.doc       .prettierignore
.changed           .hidden2.py        .prettierrc.yaml
.cis106.png        .hiddenFile.txt    .profile
.coveralls.yml     .htaccess          .sudo_as_admin_successful
.dir-locals.el     .istanbul.yml      .tern-project
.editorconfig      .jscs.json         .testignore
.envrc             .jscsrc            .tm_properties
.eslintignore      .jshintignore       .tonic_example.js
.eslintrc          .jshintrc          .travis.yml
.eslintrc.js       .keep              .uuid
.eslintrc.json     .last_revision     .vboxclient-clipboard.pid
.eslintrc.yml      .lessht            .vboxclient-draganddrop.pid
.gitattributes     .lint              .vboxclient-seamless.pid
.gitconfig         .metadata-v2       .vboxclient-vmvga-session-tty2.pid
.gitignore         .meta.isrunning   .vsixmanifest
.gitkeep           .migrated
```

```
kmtorres46747@cis106:~/lab6$ ls -A *.??
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
kmtorres46747@cis106:~/lab6$ ls l?st*
last.txt list.txt lost.txt
kmtorres46747@cis106:~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
kmtorres46747@cis106:~/lab6$
```

Question 3

```
kmtorres46747@cis106:~/lab6$ ls [A-Z]*
Document.doc Expenses.xls
kmtorres46747@cis106:~/lab6$ ls [A-Z0-9]*
25Games.lst Document.doc Expenses.xls
kmtorres46747@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
kmtorres46747@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
kmtorres46747@cis106:~/lab6$
```

Question 4

```

kmtorres46747@cis106:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
kmtorres46747@cis106:~/lab6$ tree wallpapers/
wallpapers/
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
└──

4 directories, 0 files
kmtorres46747@cis106:~/lab6$ _

kmtorres46747@cis106:~/lab6$ mkdir -p assets/{imgs/large,imgs/small,video/large,video/small}
kmtorres46747@cis106:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small

6 directories, 0 files
kmtorres46747@cis106:~/lab6$ _

kmtorres46747@cis106:~/lab6$ mkdir -p docs/book/{history/fall,history/spring,math/fall,math/spring}
kmtorres46747@cis106:~/lab6$ touch docs/book/{history/fall/book.pdf,history/spring/book.pdf,math/fall/book.pdf,math/spring/book.pdf}
kmtorres46747@cis106:~/lab6$ tree docs/
docs/
├── book
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
└──

7 directories, 4 files
kmtorres46747@cis106:~/lab6$ _

kmtorres46747@cis106:~/lab6$ cd
kmtorres46747@cis106:~$ mkdir lab6-q5
kmtorres46747@cis106:~$ cd /
kmtorres46747@cis106:/$ touch /home/kmtorres46747/lab6-q5/{program.py,people.csv,data.xls}
kmtorres46747@cis106:/$ cd /usr/share/
kmtorres46747@cis106:/usr/share$ mkdir /home/kmtorres46747/lab6-q5/movies
kmtorres46747@cis106:/usr/share$ touch /home/kmtorres46747/lab6-q5/movies/{movies.lst,marvel.txt,disney.doc}
kmtorres46747@cis106:/usr/share$ rm ~/lab
lab4files/          lab5ChallengeQuestion/  lab5-imgs/          lab6/
lab5-audio/         lab5-docs/             lab5-video/         lab6-q5/
kmtorres46747@cis106:/usr/share$ rm ~/lab6-q5/{movies/{disney.doc,marvel.txt},program.py,people.csv}
kmtorres46747@cis106:/usr/share$ _

```

Challenge Question

```
kmtorres46747@cis106:~$ curl https://cis106.com/assets/lab6cq.sh | bash
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left   Speed
100 165 100 165    0     0  726      0 --:--:-- --:--:-- --:--:-- 730
kmtorres46747@cis106:~$ cd challenge-Lab6/
kmtorres46747@cis106:~/challenge-Lab6$ mkdir -p {audio/aac,audio/mp3,docs/docx,docs/pdf,docs/xls,images/jpg,images/png}
kmtorres46747@cis106:~/challenge-Lab6$ mv *.aac audio/aac/
kmtorres46747@cis106:~/challenge-Lab6$ mv *.mp3 audio/mp3/
kmtorres46747@cis106:~/challenge-Lab6$ mv *.docs docs/docx/
mv: cannot stat '*.docs': No such file or directory
kmtorres46747@cis106:~/challenge-Lab6$ mv *.docx docs/docx/
kmtorres46747@cis106:~/challenge-Lab6$ mv *.pdf docs/pdf/
kmtorres46747@cis106:~/challenge-Lab6$ mv *.xls docs/xls/
mv: cannot stat '*.xls': No such file on directory
kmtorres46747@cis106:~/challenge-Lab6$ mv *.jpg images/jpg/
kmtorres46747@cis106:~/challenge-Lab6$ mv *.png images/png/
```

```
kmtorres46747@cis106:~/challenge-Lab6$ mv *.* docs/xls/
```

```
kmtorres46747@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
│       ├── program.go
│       ├── program.py
│       ├── program.rb
│       └── program.sh
├── image1.gif
├── image2.gif
├── images
│   ├── jpg
│   │   ├── image1.jpg
│   │   └── image2.jpg
│   └── png
│       ├── image1.png
│       └── image2.png
```

```
10 directories, 18 files
```

```
kmtorres46747@cis106:~/challenge-Lab6$
```