

Question 1

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

sabrina@cis106:~$ ls -lgHs --time-style=+%D /etc/h*.conf /etc/p*.conf
-rw-r--r-- 1 7.5K 08/19/21 /etc/pnm2ppa.conf
-rw-r--r-- 1 5.0K 08/21/19 /etc/hdparm.conf
-rw-r--r-- 1 552 12/17/19 /etc/pam.conf
-rw-rw-r-- 1 350 02/20/22 /etc/popularity-contest.conf
-rw-r--r-- 1 92 12/05/19 /etc/host.conf
sabrina@cis106:~$ mkdir lab6/log-files
sabrina@cis106:~$ mv lab6/*.log lab6/log-files
sabrina@cis106:~$

sabrina@cis106:~$ ls /usr/share/themes/*//*.theme -R
/usr/share/themes/Adwaita-dark/index.theme
/usr/share/themes/Adwaita/index.theme
/usr/share/themes/HighContrast/index.theme
/usr/share/themes/Yaru-dark/index.theme
/usr/share/themes/Yaru/index.theme
/usr/share/themes/Yaru-light/index.theme
sabrina@cis106:~$
```

Question 2

```
sabrina@cis106:~$ ls -A lab6/.??*
lab6/.appveyor.yml      lab6/.jshintignore
lab6/.auto-changelog    lab6/.jshinttrc
lab6/.bash_history      lab6/.keep
lab6/.bash_logout       lab6/.last_revision
lab6/.bashrc            lab6/.metadata-v2
lab6/.blocks-log        lab6/.meta.isrunning
lab6/.blocks-progress   lab6/.min-wd
lab6/.changed           lab6/.npmignore
lab6/.coveralls.yml     lab6/.nycrc
lab6/.dir-locals.el     lab6/.org.chromium.Chromium.7fPBly
lab6/.editorconfig      lab6/.padding
lab6/.envrc             lab6/.parentlock
lab6/.eslintignore      lab6/.prettierignore
lab6/.eslintrc          lab6/.prettierrc.yaml
lab6/.eslintrc.js       lab6/.profile
lab6/.eslintrc.json     lab6/.startup-incomplete
lab6/.eslintrc.yml      lab6/.sudo_as_admin_successful
lab6/.gitattributes     lab6/.tern-project
lab6/.gitconfig         lab6/.tm_properties
lab6/.gitignore         lab6/.tonic_example.js
lab6/.gitkeep           lab6/.travis.yml
lab6/.gitmodules        lab6/.vboxclient-clipboard.pid
lab6/.hidden            lab6/.vboxclient-display-svga-x11.pid
lab6/.htaccess          lab6/.vboxclient-draganddrop.pid
lab6/.istanbul.yml      lab6/.vboxclient-seamless.pid
lab6/.jscs.json         lab6/.vscode.trashinfo
lab6/.jscsrc            lab6/.vsixmanifest
```

```
sabrina@cis106:~$ ls -A lab6/
25Games.lst      file_02.sh      .meta.isrunning
apache03.err     file_03.sh      .min-wd
.appveyor.yml    file_04.sh      .npmignore
.auto-changelog  file_05.sh      .nycrc
.bash_history    .gitattributes  .org.chromium.Chromium.7fPBly
.bash_logout     .gitconfig      .padding
.bashrc          .gitignore      .parentlock
.blocks-log      .gitkeep        .prettierignore
.blocks-progress .gitmodules     .prettierrc.yaml
.changed         .hidden         .profile
.coveralls.yml   .htaccess       .startup-incomplete
.dir-locals.el   .istanbul.yml   .sudo_as_admin_successful
Document.doc     .jscs.json      .tern-project
.editorconfig    .jscsrc         .tm_properties
.envrc           .jshintignore    .tonic_example.js
.eslintignore    .jshinttrc       .travis.yml
.eslintrc        .keep           trip22-info.doc
.eslintrc.js     .last_revision  .vboxclient-clipboard.pid
.eslintrc.json   last.txt        .vboxclient-display-svga-x11.pid
.eslintrc.yml    list.txt        .vboxclient-draganddrop.pid
Expenses.xls     log-files       .vboxclient-seamless.pid
file_00.sh       lost.txt        .vscode.trashinfo
file_01.sh       .metadata-v2    .vsixmanifest
sabrina@cis106:~$ ls -A lab6/*.??
lab6/file_00.sh  lab6/file_02.sh  lab6/file_04.sh
lab6/file_01.sh  lab6/file_03.sh  lab6/file_05.sh
sabrina@cis106:~$
```

Question 3

```
sabrina@cis106:~$ ls lab6/[A-Z]*
lab6/Document.doc  lab6/Expenses.xls
sabrina@cis106:~$ ls lab6/[A-Z0-9]*
lab6/25Games.lst  lab6/Document.doc  lab6/Expenses.xls
sabrina@cis106:~$ ls lab6/*[0-9]*
lab6/25Games.lst  lab6/file_01.sh  lab6/file_04.sh
lab6/apache03.err  lab6/file_02.sh  lab6/file_05.sh
lab6/file_00.sh    lab6/file_03.sh  lab6/trip22-info.doc
sabrina@cis106:~$
```

Question 4

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

```

4 directories, 0 files

```
sabrina@cis106:~/lab6$
```

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

```

6 directories, 0 files

```
sabrina@cis106:~/lab6$
```

```
sabrina@cisl06:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
```

```
sabrina@cisl06:~/lab6$ tree docs/
```

```
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   └── spring
│   └── math
│       ├── fall
│       └── spring
```

```
7 directories, 0 files
```

```
sabrina@cisl06:~/lab6$ touch docs/books/{history,math}/{fall,spring}/book.pdf
```

```
sabrina@cisl06:~/lab6$ tree docs/
```

```
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
```

```
7 directories, 4 files
```

```
sabrina@cisl06:~/lab6$
```

```
sabrina@cisl06:~/lab6$ mkdir -p research/{books{math,science}/{epub,pdf},magazines/{computers,running,videogames}/{fanmade,official}}/
```

```
sabrina@cisl06:~/lab6$ tree research/
```

```
research/
├── books
│   ├── math
│   │   ├── epub
│   │   └── pdf
│   └── science
│       ├── epub
│       └── pdf
├── magazines
│   ├── computers
│   │   ├── fanmade
│   │   └── official
│   ├── running
│   │   ├── fanmade
│   │   └── official
│   └── videogames
│       ├── fanmade
│       └── official
```

```
16 directories, 0 files
```

```
sabrina@cisl06:~/lab6$
```

```
sabrina@cis106:/usr/share$ rm ~/lab6-q5/program.py ~/lab6-q5/movies/{people.csv,
disney.doc,marvel.txt}
rm: cannot remove '/home/sabrina/lab6-q5/movies/people.csv': No such file or dir
ectory
sabrina@cis106:/usr/share$ ls ~/lab6-q5/movies/movies.lst
/home/sabrina/lab6-q5/movies/movies.lst
sabrina@cis106:/usr/share$
```

Challenge Question

```
— audio
  — aac
    — all-aac-files-here
    — all-mp3-files-here
  — mp3
    — all-aac-files-here
    — all-mp3-files-here
— docs
  — docx
    — all-docs-files-here
    — all-pdf-files-here
    — all-xls-files-here
  — pdf
    — all-docs-files-here
    — all-pdf-files-here
    — all-xls-files-here
  — xls
    — all-docs-files-here
    — all-pdf-files-here
    — all-xls-files-here
— {images
  — jpg
    — all-jpg-files-here}
  — png
    — all-png-files-here}
```