

Lab 6 Submission

Question 1

```
masantana24978@cis106vm: ~  
masantana24978@cis106vm: ~  
masantana24978@cis106vm: ~$ ls lab6/*.log  
lab6/88_Application-log.log  lab6/fontconfig.log  lab6/tex.log  
lab6/alternatives.log      lab6/gpu-manager.log  lab6/ubuntu-advantage.log  
lab6/apache01-error.log    lab6/history.log      lab6/ubuntu-advantage-timer.log  
lab6/apache22.log          lab6/http404.log      lab6/unattended-upgrades-dpkg.log  
lab6/apport.log            lab6/kern.log          lab6/unattended-upgrades.log  
lab6/auth.log              lab6/luahbtex.log     lab6/unattended-upgrades-shutdown.log  
lab6/bootstrap.log         lab6/luatex.log       lab6/updmap.log  
lab6/casper.log            lab6/mf.log            lab6/vboxadd-install.log  
lab6/dpkg.log              lab6/pdfetex.log       lab6/vboxadd-setup.log  
lab6/dvilluatex.log        lab6/pdftex.log  
lab6/etex.log              lab6/term.log  
masantana24978@cis106vm:~$ mkdir lab6/log-files  
masantana24978@cis106vm:~$ mv lab6/*.log lab6/log-files/  
masantana24978@cis106vm:~$ ls /etc/*.conf  
/etc/adduser.conf      /etc/fuse.conf        /etc/libaudit.conf    /etc/rygel.conf  
/etc/apg.conf          /etc/gai.conf         /etc/logrotate.conf   /etc/sensors3.conf  
/etc/appstream.conf    /etc/hdparm.conf      /etc/mke2fs.conf      /etc/sudo.conf  
/etc/brltty.conf       /etc/host.conf        /etc/nftables.conf    /etc/sudo_logsrvd.conf  
/etc/ca-certificates.conf /etc/inxi.conf        /etc/nsswitch.conf    /etc/sysctl.conf  
/etc/debconf.conf      /etc/kernel-img.conf  /etc/pam.conf         /etc/ucf.conf  
/etc/deluser.conf      /etc/kerneloops.conf  /etc/pnm2ppa.conf     /etc/usb_modeswitch.conf  
/etc/e2scrub.conf      /etc/ld.so.conf       /etc/resolv.conf      /etc/xattr.conf  
/etc/fprintd.conf      /etc/libao.conf       /etc/rsyslog.conf  
masantana24978@cis106vm:~$ ls -lSgGh --time-style=+%D /etc/h*.conf /etc/p*.conf  
-rw-r--r-- 1 7.5K 08/09/22 /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  
masantana24978@cis106vm:~$
```

Question 2

```

masantana24978@cis106vm: ~/lab6
masantana24978@cis106vm: ~/lab6
masantana24978@cis106vm: ~/lab6$ ls .??*
.appveyor.yml      .gitattributes      .jshintignore       .startup-incomplete
.auto-changelog    .gitconfig          .jshintrc          .sudo_as_admin_successful
.babelrc           .gitignore          .keep              .tern-project
.bash_history      .gitkeep            .last_revision     .testignore
.bash_logout       .gitmodules         .lessht            .tm_properties
.bashrc            .gsd-keyboard.settings-ported .lint               .tonic_example.js
.cis106.png        .hidden             .lintdata-v2       .travis.yml
.coveralls.yml     .hidden1.doc        .meta.isrunning    .uuid
.dir-locals.el     .hidden1.py         .min-wd            .vboxclient-clipboard.pid
.editorconfig      .hidden2.doc        .npmignore         .vboxclient-display-svg-x11.pid
.envrc             .hidden2.py         .nycrc             .vboxclient-draganddrop.pid
.eslintignore      .hiddenFile.txt     .padding           .vboxclient-seamless.pid
.eslintrc          .htaccess           .parentlock        .vsixmanifest
.eslintrc.js       .istanbul.yml       .prettierignore
.eslintrc.json     .jscs.json          .prettierrc.yaml
.eslintrc.yml      .jscsrc             .profile

masantana24978@cis106vm: ~/lab6$ ls -A *.*?
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
masantana24978@cis106vm: ~/lab6$ ls l?st*
last.txt list.txt lost.txt
masantana24978@cis106vm: ~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
masantana24978@cis106vm: ~/lab6$

```

Question 3

```

masantana24978@cis106vm: ~/lab6
masantana24978@cis106vm: ~/lab6
masantana24978@cis106vm: ~/lab6$ ls [A-Z]*
Document.doc Expenses.xls
masantana24978@cis106vm: ~/lab6$ ls [A-Z0-9]*
25Games.lst Document.doc Expenses.xls
masantana24978@cis106vm: ~/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
masantana24978@cis106vm: ~/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
masantana24978@cis106vm: ~/lab6$

```

Question 4

```
masantana24978@cis106vm: ~/lab6
masantana24978@cis106vm: ~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
masantana24978@cis106vm: ~/lab6$ tree wallpapers/
wallpapers/
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
4 directories, 0 files
masantana24978@cis106vm: ~/lab6$
```

```
masantana24978@cis106vm: ~/lab6
masantana24978@cis106vm: ~/lab6$ mkdir -p assets/{imgs,video}/{large,small}
masantana24978@cis106vm: ~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small
6 directories, 0 files
masantana24978@cis106vm: ~/lab6$
```

```
masantana24978@cis106vm: ~/lab6
masantana24978@cis106vm:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
masantana24978@cis106vm:~/lab6$ touch docs/books/{history,math}/{fall,spring}/book.pdf
masantana24978@cis106vm:~/lab6$ tree docs/
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
7 directories, 4 files
masantana24978@cis106vm:~/lab6$
```

```
masantana24978@cis106vm: /usr/share
masantana24978@cis106vm:~/lab6$ mkdir ~/lab6-q5
masantana24978@cis106vm:~/lab6$ cd /
masantana24978@cis106vm:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
masantana24978@cis106vm:/$ cd /usr/share/
masantana24978@cis106vm:/usr/share$ mkdir ~/lab6-q5/movies
masantana24978@cis106vm:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,movie.txt,disney.doc}
masantana24978@cis106vm:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,movie.txt}}
masantana24978@cis106vm:/usr/share$ tree ~/lab6-q5/
/home/masantana24978/lab6-q5/
├── data.xls
└── movies
    └── movies.lst
1 directory, 2 files
masantana24978@cis106vm:/usr/share$
```

Challenge Question

```

masantana24978@cis106vm: ~
masantana24978@cis106vm: ~
masantana24978@cis106vm:~$ 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   320      0 --:--:-- --:--:-- --:--:--   321
masantana24978@cis106vm:~$ mkdir -p challenge-Lab6/{audio,docs,images}
masantana24978@cis106vm:~$ mkdir -p challenge-Lab6/audio/{aac,mp3} challenge-Lab6/docs/{docx,pdf,xls}
challenge-Lab6/images/{jpg,png}
masantana24978@cis106vm:~$ mv *.acc *.mp3 challenge-Lab6/audio/
mv: cannot stat '*.acc': No such file or directory
mv: cannot stat '*.mp3': No such file or directory
masantana24978@cis106vm:~$ mv challenge-Lab6/*.acc *.mp3 challenge-Lab6/audio/
mv: cannot stat 'challenge-Lab6/*.acc': No such file or directory
mv: cannot stat '*.mp3': No such file or directory
masantana24978@cis106vm:~$ mv challenge-Lab6/*.docx *.pdf *.xls challenge-Lab6/docs/
mv: cannot stat '*.pdf': No such file or directory
mv: cannot stat '*.xls': No such file or directory
masantana24978@cis106vm:~$ mv challenge-Lab6/*.jpg *.png challenge-Lab6/images/
mv: cannot stat '*.png': No such file or directory
masantana24978@cis106vm:~$ mv challenge-Lab6/*.aac challenge-Lab6/audio/aac/
masantana24978@cis106vm:~$ mv challenge-Lab6/audio/*.aac challenge-Lab6/audio/aac/
mv: cannot stat 'challenge-Lab6/audio/*.aac': No such file or directory
masantana24978@cis106vm:~$ mv challenge-Lab6/audio/*.aac challenge-Lab6/audio/aac/
mv: cannot stat 'challenge-Lab6/audio/*.aac': No such file or directory
masantana24978@cis106vm:~$ mv challenge-Lab6/song1.mp3 song2.mp3 challenge-Lab6/audio/mp3
mv: cannot stat 'song2.mp3': No such file or directory
masantana24978@cis106vm:~$ mv challenge-Lab6/docs/*.docx challenge-Lab6/docs/docx/
masantana24978@cis106vm:~$ mv challenge-Lab6/docs1.pdf docs2.pdf challenge-Lab6/docs/pdf/
mv: cannot stat 'docs2.pdf': No such file or directory
masantana24978@cis106vm:~$ mv challenge-Lab6/images/*.jpg challenge-Lab6/images/png/
masantana24978@cis106vm:~$ mv challenge-Lab6/image1.png image2.png challenge-Lab6/images/png/
mv: cannot stat 'image2.png': No such file or directory
masantana24978@cis106vm:~$

```

```

masantana24978@cis106vm: ~
masantana24978@cis106vm: ~
masantana24978@cis106vm:~$ 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
├── image1.gif
├── image2.gif
├── images
│   ├── jpg
│   └── png
│       ├── image1.jpg
│       ├── image1.png
│       ├── image2.jpg
│       └── image2.png
├── program.go
├── program.py
├── program.rb
└── program.sh

10 directories, 18 files
masantana24978@cis106vm:~$

```

