

# Lab 6

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## Question 1

```

avazquez@cis106:~/lab6$ ls *.log
88_Application-log.log      kern.log
alternatives.log           luahtex.log
apache01-error.log         luatex.log
apache22.log               mf.log
auth.log                   pdfetex.log
bootstrap.log              pdftex.log
casper.log                 term.log
dpkg.log                   tex.log
dvi luatex.log             ubuntu-advantage.log
etex.log                   ubuntu-advantage-timer.log
fontconfig.log             unattended-upgrades-dpkg.log
gnustep-back-common.log    unattended-upgrades.log
gpu-manager.log            unattended-upgrades-shutdown.log
history.log                updmap.log
http404.log                vboxadd-setup.log
avazquez@cis106:~/lab6$ mkdir log-files
avazquez@cis106:~/lab6$ mv *.log log-files
avazquez@cis106:~/lab6$ cd
avazquez@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/kerneloops.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
avazquez@cis106:~$ ls -lSgH --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

```

## Question 2

```

1/1 + [ ] [ ]
Tilix: avazquez@cis106: ~/lab6

1: avazquez@cis106: ~/lab6
avazquez@cis106:~/lab6$ ls .??*
.appveyor.yml      .gitattributes      .prettierrc.yaml
.auto-changelog    .gitconfig          .profile
.babelrc           .gitignore          .startup-incomplete
.bash_history      .gitkeep            .sudo_as_admin_successful
.bash_logout       .gitmodules         .tern-project
.bashrc            .GNUstepAppList     .testignore
.changed           .GNUstepServices    .tm_properties
.cis106.png        .gsd-keyboard.settings-ported .tonic_example.js
.coveralls.yml     .hidden             .travis.yml
.dir-locals.el     .hidden1.doc        .uuid
.editorconfig      .hidden1.py         .vboxclient-clipboard.pid
.envrc             .hidden2.doc        .vboxclient-draganddrop.pid
.eslintignore      .hidden2.py         .vboxclient-seamless.pid
.eslintrc          .hiddenFile.txt     .vboxclient-vmtoolsd-session-tty2.pid
.eslintrc.js        .htaccess           .vsixmanifest
.eslintrc.json     .istanbul.yml       .parentlock
.eslintrc.yml       .jscs.json          .prettierrcignore
avazquez@cis106:~/lab6$ ls -A *.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
avazquez@cis106:~/lab6$ ls l?st*
last.txt list.txt lost.txt
avazquez@cis106:~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
avazquez@cis106:~/lab6$

```

### Question 3

```

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

```

### Question 4

```
1: avazquez@cis106: ~/lab6 ▾

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

4 directories, 0 files
avazquez@cis106:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
avazquez@cis106:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small

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

7 directories, 4 files
avazquez@cis106:~/lab6$
```

```
1: avazquez@cis106: /usr/share ▾

avazquez@cis106:~$ mkdir lab6-q5
avazquez@cis106:~$ cd /
avazquez@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
avazquez@cis106:/$ cd usr/share/
avazquez@cis106:/usr/share$ mkdir ~/lab6-q5/movies
avazquez@cis106:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,marvel.txt,disney.doc}
avazquez@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}}
avazquez@cis106:/usr/share$ tree ~/lab6-q5/
/home/avazquez/lab6-q5/
├── data.xls
└── movies
    └── movies.lst

1 directory, 2 files
avazquez@cis106:/usr/share$ _
```

## Challenge Question

```
Tilix: avazquez@cis106: ~/challenge-Lab6
1: avazquez@cis106: ~/challenge-Lab6
avazquez@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    290     0  --:--:-- --:--:-- --:--:--    290
mkdir: cannot create directory '/home/avazquez/challenge-Lab6': File exists
avazquez@cis106:~$ cd challenge-Lab6/
avazquez@cis106:~/challenge-Lab6$ mkdir -p {audio/{aac,mp3},docs/{docx,pdf,xls},images/{jpg,png}}
mv: target 'audio/aac' is not a directory
avazquez@cis106:~/challenge-Lab6$ mkdir -p {audio/{aac,mp3},docs/{docx,pdf,xls},images/{jpg,png}}
avazquez@cis106:~/challenge-Lab6$ mv *.aac audio/aac
avazquez@cis106:~/challenge-Lab6$ mv *.mp3 audio/mp3
avazquez@cis106:~/challenge-Lab6$ mv *.docx docs/docx
avazquez@cis106:~/challenge-Lab6$ mv *.pdf docs/pdf
avazquez@cis106:~/challenge-Lab6$ mv *.jpg images/jpg
avazquez@cis106:~/challenge-Lab6$ mv *.png images/png
avazquez@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
├── image1.gif
├── image2.gif
├── images
│   ├── jpg
│   │   ├── image1.jpg
│   │   └── image2.jpg
│   └── png
│       ├── image1.png
│       └── image2.png
├── program.go
├── program.py
├── program.rb
└── program.sh

10 directories, 18 files
```