

lab6

Question 1

```

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

daabualia@cis106:~$ mkdir lab6/log-files
daabualia@cis106:~$ mv lab6/*.log lab6-files/
mv: target 'lab6-files/' is not a directory
daabualia@cis106:~$ mv lab6/*.log lab6/log-files/
daabualia@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/slack.conf
/etc/ethtool.conf          /etc/logrotate.conf      /etc/sudo_logsrcd.conf
/etc/fprintd.conf          /etc/mke2fs.conf         /etc/sysctl.conf
/etc/fuse.conf             /etc/nftables.conf       /etc/ucf.conf
/etc/gai.conf              /etc/nsswitch.conf       /etc/usb_modeswitch.conf
/etc/hdparm.conf           /etc/pam.conf             /etc/xattr.conf
daabualia@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
daabualia@cis106:~$ _

```

Question 2

```

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

```

Question 3

```

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

```

Question 4

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

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

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

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

```
1: daabualia@cis106: ~/lab6
daabualia@cis106:~/lab6$ mkdir -p docs/books/{his,math}/{fall,spring}
daabualia@cis106:~/lab6$ touch docs/books/{his,math}/{fall,spring}/book.pdf
daabualia@cis106:~/lab6$ tree docs/
docs/
├── books
│   ├── his
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
7 directories, 4 files
daabualia@cis106:~/lab6$ _
```

```
1: daabualia@cis106: /usr/share
daabualia@cis106:~/lab6$ mkdir ~/lab6-q5
daabualia@cis106:~/lab6$ cd /
daabualia@cis106:/$ touch ~/lab6-q5/{program.py,people.cvs,data.xls}
daabualia@cis106:/$ cd /usr/share/
daabualia@cis106:/usr/share$ mkdir ~/lab6-q5/movies
daabualia@cis106:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,mарvel.txt,disney.doc}
daabualia@cis106:/usr/share$ rm ~/lab6-q5/
rm: cannot remove '/home/daabualia/lab6-q5/': Is a directory
daabualia@cis106:/usr/share$ rm ~/lab6-5/{program.py,people.cvs,/movies/{disney.doc,mарvel.txt}}
rm: cannot remove '/home/daabualia/lab6-5/program': No such file or directory
rm: cannot remove '/home/daabualia/lab6-5/py': No such file or directory
rm: cannot remove '/home/daabualia/lab6-5/people.cvs': No such file or directory
rm: cannot remove '/home/daabualia/lab6-5//movies/disney.doc': No such file or directory
rm: cannot remove '/home/daabualia/lab6-5//movies/mарvel.txt': No such file or directory
daabualia@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.cvs,/movies/{disney.doc,mарvel.txt}}
daabualia@cis106:/usr/share$ _
```

Question 5 challenge


```
daabualia@cis106:~/challenge-Lab6$ mkdir -p challenge-lab6/{audio,docs,images}
daabualia@cis106:~/challenge-Lab6$ mkdir -p challenge-lab6/audio/{aac,mp3}
daabualia@cis106:~/challenge-Lab6$ mkdir -p challenge-lab6/docs/{docx,pdf,xls}
daabualia@cis106:~/challenge-Lab6$ mkdir -p challenge-lab6/images/{jpg,png}
daabualia@cis106:~/challenge-Lab6$ tree challenge-lab6
challenge-lab6
├── audio
│   ├── aac
│   └── mp3
├── docs
│   ├── docx
│   ├── pdf
│   └── xls
└── images
    ├── jpg
    └── png

10 directories, 0 files
daabualia@cis106:~/challenge-Lab6$ touch acc/{song1.aac,song2.aac}
touch: cannot touch 'acc/song1.aac': No such file or directory
touch: cannot touch 'acc/song2.aac': No such file or directory
daabualia@cis106:~/challenge-Lab6$ touch aac/{song1.aac,song2.aac}
touch: cannot touch 'aac/song1.aac': No such file or directory
touch: cannot touch 'aac/song2.aac': No such file or directory
daabualia@cis106:~/challenge-Lab6$ touch challenge-lab6/audio/aac/{song1.aac,song2.aac}
daabualia@cis106:~/challenge-Lab6$ tree challenge-lab6
challenge-lab6
├── audio
│   ├── aac
│   │   ├── song1.aac
│   │   └── song2.aac
│   └── mp3
├── docs
│   ├── docx
│   ├── pdf
│   └── xls
└── images
    ├── jpg
    └── png
```

```
daabualia@cis106:~/challenge-Lab6$ touch challenge-lab6/audio/mp3/{song1.mp3,song2.mp3}
daabualia@cis106:~/challenge-Lab6$ touch challenge-lab6/docs/docx/{docs1.docx,docs2.docx}
daabualia@cis106:~/challenge-Lab6$ touch challenge-lab6/docs/pdf/{docs1.pdf,docs2.pdf}
daabualia@cis106:~/challenge-Lab6$ touch challenge-lab6/docs/xls/{program.go,program.py,program.rb,program.sh}
touch: invalid option -- 'l'
Try 'touch --help' for more information.
daabualia@cis106:~/challenge-Lab6$ touch -l challenge-lab6/docs/xls/{program.go,program.py,program.rb,program.sh}
touch: invalid option -- 'l'
Try 'touch --help' for more information.
daabualia@cis106:~/challenge-Lab6$ touch challenge-lab6/docs/xls/{program.go,program.py}
daabualia@cis106:~/challenge-Lab6$ touch challenge-lab6/images/jpg/{image1.jpg,image2.jpg}
daabualia@cis106:~/challenge-Lab6$ touch challenge-lab6/images/png/{image1.png,image2.png}
```

```
daabualia@cis106:~/challenge-Lab6$ 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
│       ├── program.go
│       └── program.py
└── images
    ├── jpg
    │   ├── jpgimage1.jpg
    │   └── jpgimage2.jpg
    └── png
        ├── image1.png
        └── image2.png
```