

Lab 6

Question 1

```

1/1  +  [ ] [ ]
Tilix: jdeguzman@cis106: ~

1: jdeguzman@cis106: ~
jdeguzman@cis106:~$ ls lab6/*.log
lab6/88_Application-log.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/pdfetex.log
lab6/auth.log               lab6/pdfetex.log
lab6/bootstrap.log          lab6/term.log
lab6/casper.log             lab6/tex.log
lab6/dpkg.log               lab6/ubuntu-advantage.log
lab6/dvluatex.log           lab6/ubuntu-advantage-timer.log
lab6/etex.log               lab6/unattended-upgrades-dpkg.log
lab6/fontconfig.log         lab6/unattended-upgrades.log
lab6/gpu-manager.log        lab6/unattended-upgrades-shutdown.log
lab6/history.log            lab6/updmap.log
lab6/http404.log            lab6/vboxadd-setup.log
jdeguzman@cis106:~$ mkdir lab6/log-files
jdeguzman@cis106:~$ mv lab6/*.log lab6/log-files/
jdeguzman@cis106:~$ 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/fprind.conf           /etc/libao.conf          /etc/rsyslog.conf
jdeguzman@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

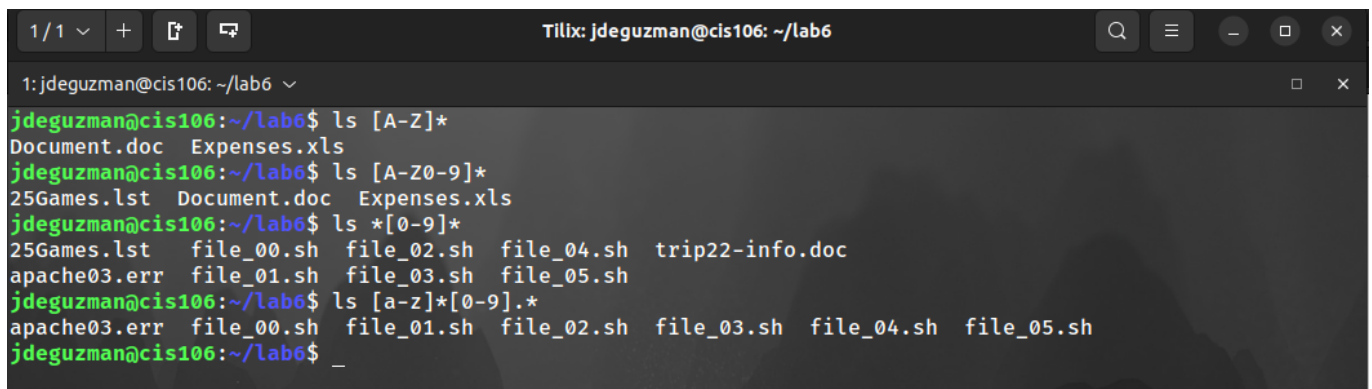
```

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

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

```

Question 3



A terminal window titled 'Tilix: jdeguzman@cis106: ~/lab6' showing a series of file listing commands and their outputs. The user is in the directory ~/lab6. The commands and outputs are as follows:

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

Question 4

```
Tilix: jdeguzman@cis106: ~/lab6
1: jdeguzman@cis106: ~/lab6
jdeguzman@cis106:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
jdeguzman@cis106:~/lab6$ tree wallpapers/
wallpapers/
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
4 directories, 0 files
jdeguzman@cis106:~/lab6$ mkdir -p assests/{imgs,video}/{large,small}
jdeguzman@cis106:~/lab6$ tree assests/
assests/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small
6 directories, 0 files
jdeguzman@cis106:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
jdeguzman@cis106:~/lab6$ touch docs/books/{history,math}/{fall,spring}/book.pdf
jdeguzman@cis106:~/lab6$ tree docs/
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
7 directories, 4 files
jdeguzman@cis106:~/lab6$ _

Tilix: jdeguzman@cis106: /usr/share
1: jdeguzman@cis106: /usr/share
jdeguzman@cis106:~/lab6$ mkdir ~/lab6-q5
jdeguzman@cis106:~/lab6$ cd /
jdeguzman@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
jdeguzman@cis106:/$ cd /usr/share/
jdeguzman@cis106:/usr/share$ mkdir ~/lab6-q5/movies
jdeguzman@cis106:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,mарvel.txt,disney.doc}
jdeguzman@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,mарvel.txt}}
jdeguzman@cis106:/usr/share$ tree ~/lab6-q5/
/home/jdeguzman/lab6-q5/
├── data.xls
└── movies
    └── movies.lst
1 directory, 2 files
jdeguzman@cis106:/usr/share$ _
```

Question 5 Challenge

```
1/1 + [f] [x] Tilix: jdeguzman@cis106: ~/challenge-Lab6
jdeguzman@cis106: ~/challenge-Lab6$ mkdir -p {audio/{aac,mp3},docs/{docx,pdf,xls},images/{jpg,png}}
jdeguzman@cis106: ~/challenge-Lab6$ tree
.
├── audio
│   ├── aac
│   └── mp3
├── docs
│   ├── docx
│   ├── pdf
│   └── xls
├── docs1.docx
├── docs1.pdf
├── docs2.docx
├── docs2.pdf
├── image1.gif
├── image1.jpg
├── image1.png
├── image2.gif
├── image2.jpg
├── image2.png
├── images
│   ├── jpg
│   └── png
├── program.go
├── program.py
├── program.rb
├── program.sh
├── song1.aac
├── song1.mp3
├── song2.aac
└── song2.mp3

10 directories, 18 files

jdeguzman@cis106: ~/challenge-Lab6$ mv *[0-9].a?* audio/aac/
jdeguzman@cis106: ~/challenge-Lab6$ mv *???* audio/mp3/
jdeguzman@cis106: ~/challenge-Lab6$ mv *[a-z0-9].*x docs/docx/
jdeguzman@cis106: ~/challenge-Lab6$ mv *.*d* docs
docs/ docs1.pdf docs2.pdf
jdeguzman@cis106: ~/challenge-Lab6$ mv *.*d* docs/pdf/
jdeguzman@cis106: ~/challenge-Lab6$ mv *[0-9].?p? images/jpg/
jdeguzman@cis106: ~/challenge-Lab6$ mv *[a-z]*?n? images/png/

jdeguzman@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
jdeguzman@cis106: ~/challenge-Lab6$ _
```