Lab 6

Question 1

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1: broberts@cis106: ~  ∨

broberts@cis106:~$ curl https://cis106.com/assets/lab6.sh | bash
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100   425  100   425    0     0   1087      0 --:--:-- --:--:-- --:--:--   1089
broberts@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/auth.log                 lab6/pdfetex.log
lab6/bootstrap.log            lab6/pdftex.log
lab6/casper.log               lab6/term.log
lab6/dpkg.log                 lab6/tex.log
lab6/dviluatex.log            lab6/ubuntu-advantage.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/vboxadd-setup.log
lab6/http404.log              lab6/Xorg.0.log
broberts@cis106:~$ mkdir lab6/log-files
broberts@cis106:~$ mv lab6/*.log lab6/log-files/
broberts@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
broberts@cis106:~$ ls -lSgGh --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
broberts@cis106:~$
```
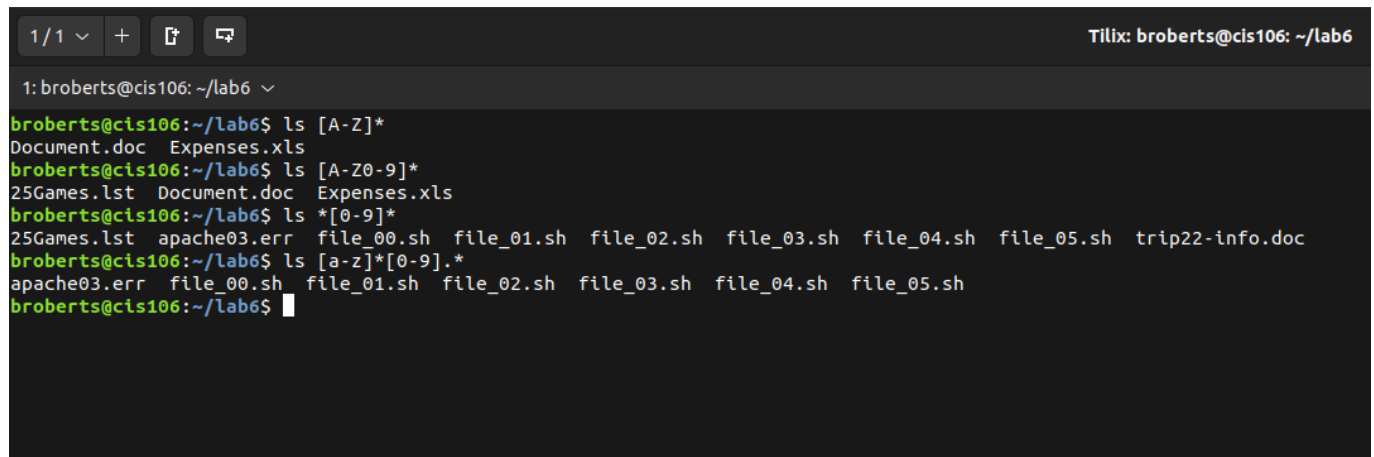
Question 2

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1: broberts@cis106: ~/lab6 ∨

broberts@cis106:~/lab6$ ls .??*
.auto-changelog              .min-wd
.babelrc                     .npmignore
.bash_history                .nycrc
.bash_logout                 .padding
.bashrc                      .parentlock
.changed                     .prettierignore
.coveralls.yml               .prettierrc.yaml
.dir-locals.el               .profile
.dmrc                        .releaserc.json
.editorconfig                .spmignore
.eslintignore                .sudo_as_admin_successful
.eslintrc                    .tern-project
.eslintrc.js                 .testignore
.eslintrc.json               .tm_properties
.eslintrc.yml                .tonic_example.js
.gitattributes               .travis.yml
.gitconfig                   .vboxclient-clipboard-tty2-control.pid
.gitkeep                     .vboxclient-clipboard-tty7-control.pid
.gitmodules                  .vboxclient-clipboard-tty7-service.pid
.gsd-keyboard.settings-ported  .vboxclient-draganddrop-tty2-control.pid
.hidden                      .vboxclient-draganddrop-tty7-control.pid
.htaccess                    .vboxclient-draganddrop-tty7-service.pid
.ignore                      .vboxclient-hostversion-tty2-control.pid
.istanbul.yml                .vboxclient-hostversion-tty7-control.pid
.jscs.json                   .vboxclient-seamless-tty2-control.pid
.jscsrc                      .vboxclient-seamless-tty7-control.pid
.jshintignore                .vboxclient-seamless-tty7-service.pid
.jshintrc                    .vboxclient-vmsvga-session-tty2-control.pid
.keep                        .vboxclient-vmsvga-session-tty7-control.pid
.last_revision               .vboxclient-vmsvga-session-tty7-service.pid
.lesshst                     .vsixmanifest
.lint                        .Xauthority
.metadata-v2                 .xsession-errors
.meta.isrunning              .xsession-errors.old
broberts@cis106:~/lab6$ ls -A *.??
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
broberts@cis106:~/lab6$ ls l?st*
last.txt  list.txt  lost.txt
broberts@cis106:~/lab6$ ls *_??.*
file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh
broberts@cis106:~/lab6$
```

Question 3

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

Question 4

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

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

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

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

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1: broberts@cis106: ~/lab6 ∨                                         □   ✕

        └── small
    └── videos
        ├── large
        └── small

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

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

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1/1 ∨  +  ⟦  ⟧               Tilix: broberts@cis106: /usr/share       🔍  ≡  —  □  ✕

1: broberts@cis106: /usr/share ∨                                      □   ✕

broberts@cis106:~/lab6$ mkdir ~/lab6-q5
broberts@cis106:~/lab6$ cd /
broberts@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
broberts@cis106:/$ cd/usr/share/
bash: cd/usr/share/: No such file or directory
broberts@cis106:/$ cd /usr/share/
broberts@cis106:/usr/share$ mkdir !lab6-q5/movies
bash: !lab6: event not found
broberts@cis106:/usr/share$ mkdir ~/lab6-q5/movies
broberts@cis106:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,marvel.txt,disney
.doc}
broberts@cis106:/usr/share$ rm ~/lab6-q5/
rm: cannot remove '/home/broberts/lab6-q5/': Is a directory
broberts@cis106:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.
doc,marvel.txt}}
broberts@cis106:/usr/share$ tree ~/lab6-q5/
/home/broberts/lab6-q5/
├── data.xls
└── movies
    └── movies.lst

1 directory, 2 files
broberts@cis106:/usr/share$ █
```