

Lab 6 Submission

Question 1

```
djnunez43983@CIS106VM:~$ 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   3436      0 --:--:-- --:--:-- --:--:-- 3455
djnunez43983@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/pdftex.log      lab6/vboxadd-setup.log
lab6/dvluatex.log           lab6/pdftex.log
lab6/etex.log               lab6/term.log
djnunez43983@CIS106VM:~$ mkdir lab6/log-files
djnunez43983@CIS106VM:~$ mv lab6/*.log lab6/log-files/
djnunez43983@CIS106VM:~$ tree lab6/
lab6/
├── 25Games.lst
├── apache03.err
├── Document.doc
├── Expenses.xls
├── file_00.sh
├── file_01.sh
├── file_02.sh
├── file_03.sh
├── file_04.sh
├── file_05.sh
├── last.txt
├── list.txt
├── log-files
│   ├── 88_Application-log.log
│   ├── alternatives.log
│   ├── apache01-error.log
│   ├── apache22.log
│   ├── apport.log
│   ├── auth.log
│   ├── bootstrap.log
│   ├── casper.log
│   ├── dpkg.log
│   ├── dvluatex.log
│   ├── etex.log
│   ├── fontconfig.log
│   ├── gpu-manager.log
│   ├── history.log
│   ├── http404.log
│   ├── kern.log
│   ├── tex.log
│   ├── ubuntu-advantage.log
│   ├── ubuntu-advantage-timer.log
│   ├── unattended-upgrades-dpkg.log
│   ├── unattended-upgrades.log
│   ├── unattended-upgrades-shutdown.log
│   ├── updmap.log
│   ├── vboxadd-install.log
│   └── vboxadd-setup.log
└── 25Games.lst
```

```
djnunez43983@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
djnunez43983@CIS106VM:~$
```

Question 2

```

djnunez43983@CIS106VM:~/lab6$ ls .??*
.appveyor.yml      .eslintrc.json      .jscs.json          .prettierignore
.auto-changelog    .eslintrc.yml       .jscsrc             .prettierrc.yaml
.babelrc           .gitattributes      .jshintignore        .profile
.bash_history      .gitconfig          .jshintrc           .sudo_as_admin_successful
.bash_logout       .gitignore          .keep               .tern-project
.bashrc            .gitkeep            .last_revision      .testignore
.changed           .gitmodules         .lessht             .tm_properties
.cis106.png        .gsd-keyboard.settings-ported .lint               .tonic_example.js
.coveralls.yml     .hidden1.doc        .metadata-v2        .travis.yml
.dir-locals.el     .hidden1.py         .meta.isrunning     .uuid
.editorconfig      .hidden2.doc        .min-wd             .vboxclient-clipboard.pid
.envrc             .hidden2.py         .npmignore          .vboxclient-display-svg-x11.pid
.eslintignore      .hiddenFile.txt     .nycrc              .vboxclient-draganddrop.pid
.eslintrc          .htaccess           .padding            .vboxclient-seamless.pid
.eslintrc.js       .istanbul.yml       .parentlock         .vsixmanifest

djnunez43983@CIS106VM:~/lab6$ ls -A *.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh

djnunez43983@CIS106VM:~/lab6$ ls l?st*
last.txt list.txt lost.txt

djnunez43983@CIS106VM:~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh

djnunez43983@CIS106VM:~/lab6$

```

Question 3

```

djnunez43983@CIS106VM:~/lab6$ ls [A-Z]*
Document.doc Expenses.xls

djnunez43983@CIS106VM:~/lab6$ ls [A-Z0-9]*
25Games.lst Document.doc Expenses.xls

djnunez43983@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

djnunez43983@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

djnunez43983@CIS106VM:~/lab6$

```

Question 4

```

djunenez43983@CIS106VM:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
djunenez43983@CIS106VM:~/lab6$ tree wallpapers/
wallpapers/
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
4 directories, 0 files
djunenez43983@CIS106VM:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
djunenez43983@CIS106VM:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small
6 directories, 0 files
djunenez43983@CIS106VM:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
djunenez43983@CIS106VM:~/lab6$ touch -p docs/books/{history,math}/{fall,spring}/book.pdf
touch: invalid option -- 'p'
Try 'touch --help' for more information.
djunenez43983@CIS106VM:~/lab6$ touch docs/books/{history,math}/{fall,spring}/book.pdf
djunenez43983@CIS106VM:~/lab6$ tree docs/
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
7 directories, 4 files
djunenez43983@CIS106VM:~/lab6$

djunenez43983@CIS106VM:~$ ls
cis106  Documents  gitcommands.txt  lab6  Pictures  snap  Videos  wildcardpractice
Desktop  Downloads  installPrograms.sh  Music  Public  Templates  website
djunenez43983@CIS106VM:~$ mkdir ~/lab6-q5
djunenez43983@CIS106VM:~$ cd /
djunenez43983@CIS106VM:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
djunenez43983@CIS106VM:/$ cd /usr/share/
djunenez43983@CIS106VM:/usr/share$ mkdir ~/lab6-q5/movies
djunenez43983@CIS106VM:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,marvel.txt,disney.doc}
djunenez43983@CIS106VM:/usr/share$ rm ~/lab6-q5/
rm: cannot remove '/home/djunenez43983/lab6-q5/': Is a directory
djunenez43983@CIS106VM:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}}
djunenez43983@CIS106VM:/usr/share$ tree ~/lab6-q5/
/home/djunenez43983/lab6-q5/
├── data.xls
└── movies
    └── movies.lst
1 directory, 2 files
djunenez43983@CIS106VM:/usr/share$

```

Challenge Question

```

djnunez43983@CIS106VM:~$ mkdir -p challenge-Lab6/{audio/{aac,mp3},docs/{docx,pdf,xls},images/{jpg,png}}
djnunez43983@CIS106VM:~$ tree ~/challenge-Lab6/
/home/djnunez43983/challenge-Lab6/
├── 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
djnunez43983@CIS106VM:~$ mv ~/challenge-Lab6/*.aac ~/challenge-Lab6/audio/aac/
djnunez43983@CIS106VM:~$ mv ~/challenge-Lab6/*.mp3 ~/challenge-Lab6/audio/mp3/
djnunez43983@CIS106VM:~$ mv ~/challenge-Lab6/*.docx ~/challenge-Lab6/docs/docx/
djnunez43983@CIS106VM:~$ mv ~/challenge-Lab6/*.pdf ~/challenge-Lab6/docs/pdf/
djnunez43983@CIS106VM:~$ mv ~/challenge-Lab6/*.xls ~/challenge-Lab6/docs/xls/
mv: cannot stat '/home/djnunez43983/challenge-Lab6/*.xls': No such file or directory
djnunez43983@CIS106VM:~$ mv ~/challenge-Lab6/*.jpg ~/challenge-Lab6/images/jpg/
djnunez43983@CIS106VM:~$ mv ~/challenge-Lab6/*.png ~/challenge-Lab6/images/png/
djnunez43983@CIS106VM:~$ tree ~/challenge-Lab6/

```

```

djnunez43983@CIS106VM:~$ mv ~/challenge-Lab6/*.png ~/challenge-Lab6/images/png/
djnunez43983@CIS106VM:~$ tree ~/challenge-Lab6/
/home/djnunez43983/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
│   │   ├── image1.jpg
│   │   └── image2.jpg
│   └── png
│       ├── image1.png
│       └── image2.png
├── program.go
├── program.py
├── program.rb
└── program.sh

```

```
10 directories, 18 files  
djnunez43983@CIS106VM:~$
```