

Lab 6 | File Globing/wildcards

Question 1

```
rimon1997@cis106:~$ ls /etc/*.conf
/etc/adduser.conf      /etc/deluser.conf      /etc/host.conf          /etc/libaudit.conf      /etc/pam.conf           /etc/sensors3.conf
/etc/appg.conf         /etc/e2scrub.conf      /etc/inxi.conf          /etc/logrotate.conf     /etc/pnm2ppa.conf       /etc/sysctl.conf
/etc/appstream.conf    /etc/fprintd.conf      /etc/kernel-img.conf    /etc/ltrace.conf        /etc/popularity-contest.conf /etc/ucf.conf
/etc/brltty.conf       /etc/fuse.conf          /etc/kerneloops.conf    /etc/mke2fs.conf        /etc/resolv.conf         /etc/usb_modeswitch.conf
/etc/ca-certificates.conf /etc/gai.conf           /etc/ld.so.conf          /etc/mtools.conf        /etc/rsyslog.conf        /etc/xattr.conf
/etc/debconf.conf      /etc/hdparm.conf        /etc/libao.conf          /etc/nsswitch.conf       /etc/rygel.conf

rimon1997@cis106:~$ ls -lgHs --time-style=%d /etc/h*.conf /etc/p*.conf
-rw-r--r-- 1 7.5K 19 /etc/pnm2ppa.conf
-rw-r--r-- 1 5.0K 21 /etc/hdparm.conf
-rw-r--r-- 1 552 17 /etc/pam.conf
-rw-rw-r-- 1 350 18 /etc/popularity-contest.conf
-rw-r--r-- 1 92 05 /etc/host.conf
rimon1997@cis106:~$
```

```
rimon1997@cis106:~$ ls /usr/share/themes/*/*.theme -r
/usr/share/themes/Yaru-light/index.theme /usr/share/themes/Yaru-dark/index.theme /usr/share/themes/Adwaita/index.theme
/usr/share/themes/Yaru/index.theme /usr/share/themes/HighContrast/index.theme /usr/share/themes/Adwaita-dark/index.theme
rimon1997@cis106:~$
```

```
rimon1997@cis106:~$ ls lab6/*.log
lab6/88_Application-log.log lab6/auth.log lab6/gpu-manager.log lab6/make.log lab6/unattended-upgrades-shutdown.log
lab6/alternatives.log lab6/bootstrap.log lab6/history.log lab6/term.log
lab6/apache01-error.log lab6/dpkg.log lab6/http404.log lab6/unattended-upgrades-dpkg.log
lab6/apache22.log lab6/fontconfig.log lab6/kern.log lab6/unattended-upgrades.log
rimon1997@cis106:~$ mkdir lab/log-files
mkdir: cannot create directory 'lab/log-files': No such file or directory
rimon1997@cis106:~$ mkdir lab6/log-files
rimon1997@cis106:~$ mv lab6/*.log lab6/log-files/
rimon1997@cis106:~$
```

Question 2

```

rimon1997@cis106:~$ ls -A lab6/
25Games.lst      .coveralls.yml  .eslintrc.yml  .gitconfig      .jshintignore   .meta.isrunning .profile        .vboxclient-display-svg-x11.pid
apache03.err     .dir-locals.el  Expenses.xls    .gitignore      .jshintrc      .min-wd         .sudo_as_admin_successful .vboxclient-draganddrop.pid
.appveyor.yml    Document.doc     file_00.sh     .gitkeep        .keep          .npmignore      .templdir.cache  .vboxclient-seamless.pid
.auto-changelog  .editorconfig   file_01.sh     .gitmodules     .last_revision .nycrc          .tern-project    .vsixmanifest
.bash_history    .envrc          file_02.sh     .hidden         last.txt       .obsolete       .tm_properties   .travis.yml
.bash_logout     .eslintrc       file_03.sh     .htaccess       list.txt       .padding        .tonic_example.js
.bashrc          .eslintrc       file_04.sh     .istanbul.yml   log-files      .parentlock     .travis.yml
.changed         .eslintrc.js    file_05.sh     .jscs.json      lost.txt       .prettierrc     trip22-info.doc  .vboxclient-clipboard.pid
.CIS106.png      .eslintrc.json  .gitattributes .jscsrc         metadata-v2    .prettierrc.yml
rimon1997@cis106:~$ ls -A lab6/.*
lab6/.appveyor.yml  lab6/.editorconfig  lab6/.gitignore  lab6/.jshintignore  lab6/.padding      lab6/.tonic_example.js
lab6/.auto-changelog lab6/.envrc          lab6/.gitkeep    lab6/.keep          lab6/.parentlock   lab6/.travis.yml
lab6/.bash_history  lab6/.eslintrc       lab6/.gitmodules lab6/.last_revision lab6/.prettierrc.yml lab6/.vboxclient-clipboard.pid
lab6/.bash_logout   lab6/.eslintrc       lab6/.hidden     lab6/.metadata-v2   lab6/.prettierrc.yml lab6/.vboxclient-display-svg-x11.pid
lab6/.bashrc        lab6/.eslintrc.js    lab6/.htaccess   lab6/.meta.isrunning lab6/.profile       lab6/.vboxclient-draganddrop.pid
lab6/.changed       lab6/.eslintrc.json  lab6/.istanbul.yml lab6/.min-wd        lab6/.sudo_as_admin_successful lab6/.vboxclient-seamless.pid
lab6/.CIS106.png    lab6/.eslintrc.yml   lab6/.jscs.json  lab6/.npmignore     lab6/.templdir.cache lab6/.vsixmanifest
lab6/.coveralls.yml lab6/.gitattributes  lab6/.jscsrc     lab6/.nycrc         lab6/.templdir.cache
lab6/.dir-locals.el lab6/.gitconfig      lab6/.jshintignore lab6/.obsolete      lab6/.tm_properties
rimon1997@cis106:~$

```

```

rimon1997@cis106:~$ ls -A lab6/
25Games.lst      .coveralls.yml  .eslintrc.yml  .gitconfig      .jshintignore   .meta.isrunning .profile        .vboxclient-display-svg-x11.pid
apache03.err     .dir-locals.el  Expenses.xls    .gitignore      .jshintrc      .min-wd         .sudo_as_admin_successful .vboxclient-draganddrop.pid
.appveyor.yml    Document.doc     file_00.sh     .gitkeep        .keep          .npmignore      .templdir.cache  .vboxclient-seamless.pid
.auto-changelog  .editorconfig   file_01.sh     .gitmodules     .last_revision .nycrc          .tern-project    .vsixmanifest
.bash_history    .envrc          file_02.sh     .hidden         last.txt       .obsolete       .tm_properties   .travis.yml
.bash_logout     .eslintrc       file_03.sh     .htaccess       list.txt       .padding        .tonic_example.js
.bashrc          .eslintrc       file_04.sh     .istanbul.yml   log-files      .parentlock     .travis.yml
.changed         .eslintrc.js    file_05.sh     .jscs.json      lost.txt       .prettierrc     trip22-info.doc  .vboxclient-clipboard.pid
.CIS106.png      .eslintrc.json  .gitattributes .jscsrc         metadata-v2    .prettierrc.yml
rimon1997@cis106:~$ ls -A lab6/*.*
lab6/file_00.sh lab6/file_01.sh lab6/file_02.sh lab6/file_03.sh lab6/file_04.sh lab6/file_05.sh
rimon1997@cis106:~$

```

```

rimon1997@cis106:~$ ls -A lab6/lost.*
lab6/last.txt lab6/list.txt lab6/lost.txt
rimon1997@cis106:~$ ls -A lab6/*_??.
ls: cannot access 'lab6/*_??.': No such file or directory
rimon1997@cis106:~$ ls -A lab6/*_??.??
lab6/file_00.sh lab6/file_01.sh lab6/file_02.sh lab6/file_03.sh lab6/file_04.sh lab6/file_05.sh
rimon1997@cis106:~$ ls -A lab6/*_??.*
lab6/file_00.sh lab6/file_01.sh lab6/file_02.sh lab6/file_03.sh lab6/file_04.sh lab6/file_05.sh
rimon1997@cis106:~$

```

Question 3

```
rimon1997@cis106:~$ ls lab6/[A-Z]*
lab6/Document.doc  lab6/Expenses.xls
rimon1997@cis106:~$ ls lab6/[A-Z0-9]*
lab6/25Games.lst  lab6/Document.doc  lab6/Expenses.xls
rimon1997@cis106:~$ ls lab6/*[0-9]*
ls: cannot access 'lab6/*[0-9]*': No such file or directory
rimon1997@cis106:~$ ls lab6/*[0-9]*
lab6/25Games.lst  lab6/file_00.sh  lab6/file_02.sh  lab6/file_04.sh  lab6/trip22-info.doc
lab6/apache03.err  lab6/file_01.sh  lab6/file_03.sh  lab6/file_05.sh
rimon1997@cis106:~$ ls lab6/[a-z]*[0-9]*.??
lab6/file_00.sh  lab6/file_01.sh  lab6/file_02.sh  lab6/file_03.sh  lab6/file_04.sh  lab6/file_05.sh
rimon1997@cis106:~$
```

Question 4

```
rimon1997@cis106:~$ cd lab6/
rimon1997@cis106:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
rimon1997@cis106:~/lab6$ tree wallpapers
wallpapers
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k

```

4 directories, 0 files

```
rimon1997@cis106:~/lab6$
```

```
rimon1997@cis106:~/lab6$ mkdir -p assets/{imgs,vides}/{large,small}
rimon1997@cis106:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── vides
    ├── large
    └── small

```

6 directories, 0 files

```
rimon1997@cis106:~/lab6$
```

```
rimon1997@cis106:~/lab6$ mkdir -p docs/boobs/{history,math}/{fall,spring}
rimon1997@cis106:~/lab6$ touch -p docs/boobs/{history,math}/{fall,spring}/book.pdf
touch: invalid option -- 'p'
Try 'touch --help' for more information.
rimon1997@cis106:~/lab6$ touch docs/boobs/{history,math}/{fall,spring}/book.pdf
rimon1997@cis106:~/lab6$ tree docs/
docs/
├── boobs
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
7 directories, 4 files
rimon1997@cis106:~/lab6$
```

```
rimon1997@cis106:~/lab6$ mkdir -p research/{books/{math,science}/{epub,pdf},magazines/{computers,running,videogames}/{fanmade,official}}/
rimon1997@cis106:~/lab6$ tree research/
research/
├── books
│   ├── math
│   │   ├── epub
│   │   └── pdf
│   └── science
│       ├── epub
│       └── pdf
└── magazines
    ├── computers
    │   ├── fanmade
    │   └── official
    ├── running
    │   ├── fanmade
    │   └── official
    └── videogames
        ├── fanmade
        └── official
17 directories, 0 files
rimon1997@cis106:~/lab6$
```

<br

```
rimon1997@cis106:~$ mkdir lab6-q5
rimon1997@cis106:~$ cd /
rimon1997@cis106:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
rimon1997@cis106:/$ tree ~/lab6-q5/
/home/rimon1997/lab6-q5/
├── data.xls
├── people.csv
└── program.py

0 directories, 3 files
rimon1997@cis106:/$ cd usr/share/
rimon1997@cis106:/usr/share$ mkdir ~/lab6-q5/movie
rimon1997@cis106:/usr/share$ touch ~/lab6-q5/movie/{movie.lst,marvel.txt,disney.doc}
rimon1997@cis106:/usr/share$ rm ~/lab6-q5/{program.py,{people.csv,disney.doc,marvel.doc}}
rm: cannot remove '/home/rimon1997/lab6-q5//disney.doc': No such file or directory
rm: cannot remove '/home/rimon1997/lab6-q5//marvel.doc': No such file or directory
rimon1997@cis106:/usr/share$ rm ~/lab6-q5/movie/{people.csv,disney.doc,marvel.txt}
rm: cannot remove '/home/rimon1997/lab6-q5/movie/people.csv': No such file or directory
rm: cannot remove '/home/rimon1997/lab6-q5/movie/disney.doc': No such file or directory
rimon1997@cis106:/usr/share$ ls ~/lab6-q5/movies/
ls: cannot access '/home/rimon1997/lab6-q5/movies/': No such file or directory
rimon1997@cis106:/usr/share$ ls ~/lab6-q5/movie/
movie.lst
rimon1997@cis106:/usr/share$
```

```
rimon1997@cis106:~$ tree challenge-Lab6
challenge-Lab6
├── audio
│   ├── aac
│   └── mp3
├── docs
│   ├── docx
│   ├── pdf
│   └── xls
├── docs1.doc
├── docs1.docx
├── docs1.pdf
├── docs2.doc
├── docs2.docx
├── docs2.pdf
├── docs3.doc
├── docs3.docx
├── docs3.pdf
├── image1.gif
├── image1.jpg
├── image1.png
├── image2.gif
├── image2.jpg
├── image2.png
├── image3.gif
├── image3.jpg
├── image3.png
├── images
│   ├── jpg
│   └── png
├── programs.go
├── programs.py
├── programs.rb
├── programs.sh
├── song1.aac
├── song1.mp3
├── song2.aac
├── song2.mp3
├── song3.aac
└── song3.mp3

10 directories, 28 files
```

```
rimon1997@cis106:~$ mv challenge-Lab6/*.doc? challenge-Lab6/docs/docx
rimon1997@cis106:~$ mv challenge-Lab6/*.doc* challenge-Lab6/docs/docx
rimon1997@cis106:~$ mv challenge-Lab6/*.png challenge-Lab6/images/png
rimon1997@cis106:~$ mv challenge-Lab6/*.jpg challenge-Lab6/images/jpg
rimon1997@cis106:~$ mv challenge-Lab6/*.mp3 challenge-Lab6/audio/mp3
rimon1997@cis106:~$ mv challenge-Lab6/*.aac challenge-Lab6/audio/aac
rimon1997@cis106:~$ mv challenge-Lab6/*.pdf challenge-Lab6/docs/pdf
rimon1997@cis106:~$ mv challenge-Lab6/program* challenge-Lab6/docs/xls
rimon1997@cis106:~$ tree challenge-Lab6/
```

challenge-Lab6/

audio

aac

- song1.aac
- song2.aac
- song3.aac

mp3

- song1.mp3
- song2.mp3
- song3.mp3

docs

docx

- docs1.doc
- docs1.docx
- docs2.doc
- docs2.docx
- docs3.doc
- docs3.docx

pdf

- docs1.pdf
- docs2.pdf
- docs3.pdf

xls

- programs.go
- programs.py
- programs.rb
- programs.sh

image1.gif

image2.gif

image3.gif

images

jpg

- image1.jpg
- image2.jpg
- image3.jpg

png

- image1.png
- image2.png
- image3.png

10 directories, 28 files

```
rimon1997@cis106:~$
```

All the command that i used to moved all the files

I wasn't sure if I should have done it with single command

I don't know which one is xls files

gif Files, it did not says move these files so i did not