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course: cis 106
semester: spring 23
```

Question1:

```
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total       Spent      Left     Speed

100  425    100  425    0      854      0      0      855

svpatel@ubuntu106:~$ ls lab6/*.log
lab6/88_Application-log.log  lab6/apport.log  lab6/dpkg.log  lab6/gpu-manager.log  lab6/luahbtex.log  lab6/pdfetex.log  lab6/ubuntu-advantage.log  lab6/updmap.log
lab6/alternatives.log      lab6/auth.log    lab6/dvluatex.log  lab6/history.log     lab6/luatex.log   lab6/pdfetex.log  lab6/unattended-upgrades-dpkg.log  lab6/vboxadd-setup.log
lab6/apache01-error.log    lab6/bootstrap.log  lab6/etex.log    lab6/http404.log     lab6/mail.log     lab6/term.log     lab6/unattended-upgrades.log
lab6/apache22.log          lab6/casper.log    lab6/fontconfig.log  lab6/kern.log        lab6/mf.log       lab6/tex.log      lab6/unattended-upgrades-shutdown.log

svpatel@ubuntu106:~$ mkdir ~/lab6/log-files
svpatel@ubuntu106:~$ mv ~/lab6/*.log ~/lab6/log-files
svpatel@ubuntu106:~$ ls /etc/*.*.conf
/etc/adduser.conf      /etc/debconf.conf    /etc/gai.conf       /etc/kernelloops.conf  /etc/mke2fs.conf    /etc/resolv.conf     /etc/sudo_logsrvd.conf
/etc/agg.conf          /etc/deluser.conf    /etc/hdparm.conf    /etc/ld.so.conf        /etc/nftables.conf  /etc/rsyslog.conf    /etc/sysctl.conf
/etc/appstream.conf    /etc/e2scrub.conf    /etc/host.conf      /etc/libao.conf        /etc/nsswitch.conf   /etc/rygel.conf      /etc/ucf.conf
/etc/brltty.conf       /etc/fprintd.conf    /etc/inxi.conf       /etc/libaudit.conf     /etc/pam.conf        /etc/sensors3.conf   /etc/usb_modeswitch.conf
/etc/ca-certificates.conf /etc/fuse.conf       /etc/kernel-img.conf /etc/logrotate.conf    /etc/pnm2ppa.conf    /etc/sudo.conf       /etc/xattr.conf
svpatel@ubuntu106:~$ 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
svpatel@ubuntu106:~$
```

Question2:

```
svpatel@ubuntu106:~/lab6$ ls .??*
.auto-changelog      .editorconfig      .gsd-keyboard.settings-ported  .lock      .sudo_as_admin_successful      .vboxclient-hostversion-tty2-control.pid
.babelrc             .eslintignore      .hidden                      .logo100x100.png  .tern-project                  .vboxclient-seamless-tty2-control.pid
.bash_history        .eslintrc          .htaccess                   .metadata-v2      .testignore                   .vboxclient-seamless-tty2-service.pid
.bash_logout         .eslintrc.js       .istanbul.yml               .meta.isrunning  .tm_properties                 .vboxclient-vmvga-session-tty2-control.pid
.bashrc              .eslintrc.json     .jscs.json                  .migrated         .tonic.example.js             .vboxclient-vmvga-session-tty2-service.pid
.changed             .eslintrc.yml      .jscsrc                     .min-wd           .travis.yml                   .vsixmanifest
.CIS1062.png         .gitattributes     .jshintignore                .npmignore        .uuid                          .vboxclient-clipboard-tty2-control.pid
.cis106.png          .gitconfig         .jshintrc                   .nycrc            .vboxclient-clipboard-tty2-service.pid
.cis106.png.png      .gitignore         .keep                       .parentlock       .vboxclient-draganddrop-tty2-control.pid
.coveralls.yml       .gitkeep           .last_revision              .profile           .vboxclient-draganddrop-tty2-service.pid
.dir-locals.el       .gitmodules        .lint
git command
svpatel@ubuntu106:~/lab6$ ls -A *.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
svpatel@ubuntu106:~/lab6$ ls l?st*
last.txt list.txt lost.txt
svpatel@ubuntu106:~/lab6$ ls _??.*
ls: cannot access '_??.*': No such file or directory
svpatel@ubuntu106:~/lab6$ ls *??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
svpatel@ubuntu106:~/lab6$
```

Question3:

```
svpatel@ubuntu106:~/lab6$ ls [A-Z]*
Document.doc Expenses.xls
svpatel@ubuntu106:~/lab6$ ls [A-Z0-9]*
25Games.lst Document.doc Expenses.xls
svpatel@ubuntu106:~/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
svpatel@ubuntu106:~/lab6$ ls [a-z]*[0-9].*
ls: cannot access '[a-z]*[0-9].*': No such file or directory
svpatel@ubuntu106:~/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
svpatel@ubuntu106:~/lab6$
```

Question4:

```
svpatel@ubuntucis106:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
svpatel@ubuntucis106:~/lab6$ tree wallpapers
wallpapers
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
└── 4 directories, 0 files

svpatel@ubuntucis106:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
svpatel@ubuntucis106:~/lab6$ tree assets
assets
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small
6 directories, 0 files

svpatel@ubuntucis106:~/lab6$ mkdir -p docs/books/{his,math}/{fall,spring}
svpatel@ubuntucis106:~/lab6$ touch docs/books/{his,math}/{fall,spring}/book.pdf
svpatel@ubuntucis106:~/lab6$ tree docs/
docs/
├── books
│   ├── his
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
└── 6 directories, 0 files
```

```
svpatel@ubuntucis106:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
svpatel@ubuntucis106:~/lab6$ tree assets
assets
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small
6 directories, 0 files

svpatel@ubuntucis106:~/lab6$ mkdir -p docs/books/{his,math}/{fall,spring}
svpatel@ubuntucis106:~/lab6$ touch docs/books/{his,math}/{fall,spring}/book.pdf
svpatel@ubuntucis106:~/lab6$ tree docs/
docs/
├── books
│   ├── his
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
└── 7 directories, 4 files
```

Question5:

```
svpatel@ubuntu106:/usr/share$ rm ~/home/svpattel/lab6-q5/program.py ~/home/svpattel/lab6-q5/people.csv ~/home/svpattel/lab6-q5/movies/disney.doc ~/home/svpattel/lab6-q5/movies/marvel.txt
rm: cannot remove '/home/svpattel/home/svpattel/lab6-q5/program.py': No such file or directory
rm: cannot remove '/home/svpattel/home/svpattel/lab6-q5/people.csv': No such file or directory
rm: cannot remove '/home/svpattel/home/svpattel/lab6-q5/movies/disney.doc': No such file or directory
rm: cannot remove '/home/svpattel/home/svpattel/lab6-q5/movies/marvel.txt': No such file or directory
svpatel@ubuntu106:/usr/share$ mkdir ~/lab6-q5/movies
mkdir: cannot create directory '/home/svpattel/lab6-q5/movies': File exists
svpatel@ubuntu106:/usr/share$ touch ~/lab6-q5/movies(movies.lst,marvel.lst,disney.doc)
svpatel@ubuntu106:/usr/share$ mkdir ~/lab6-q5/movies
mkdir: cannot create directory '/home/svpattel/lab6-q5/movies': File exists
svpatel@ubuntu106:/usr/share$ touch ~/lab6-q5/movies(movies.lst,marvel.lst,disney.doc)
svpatel@ubuntu106:/usr/share$ touch ~/lab6-q5/movies/movies.lst ~/lab6-q5/movies/marvel.txt ~/lab6-q5/movies/disney.doc
svpatel@ubuntu106:/usr/share$ rm ~/home/svpattel/lab6-q5/program.py ~/home/svpattel/lab6-q5/people.csv ~/home/svpattel/lab6-q5/movies/disney.doc ~/home/svpattel/lab6-q5/movies/marvel.txt
rm: cannot remove '/home/svpattel/home/svpattel/lab6-q5/program.py': No such file or directory
rm: cannot remove '/home/svpattel/home/svpattel/lab6-q5/people.csv': No such file or directory
rm: cannot remove '/home/svpattel/home/svpattel/lab6-q5/movies/disney.doc': No such file or directory
rm: cannot remove '/home/svpattel/home/svpattel/lab6-q5/movies/marvel.txt': No such file or directory
svpatel@ubuntu106:/usr/share$ _
```

Question6:

```

svpatel@ubuntu106:~/challenge-Lab6$ mkdir audio docs images
svpatel@ubuntu106:~/challenge-Lab6$ mv *.aac audio/
mv: cannot stat '*.aac': No such file or directory
svpatel@ubuntu106:~/challenge-Lab6$ curl https://cis106.com/assets/lab6cq.sh | bash
% Total    % Received % Xferd Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left  Speed
100 165 100 165 0 0 290 0 --:--:-- --:--:-- --:--:-- 289
mkdir: cannot create directory '/home/svpatel/challenge-Lab6': File exists
svpatel@ubuntu106:~/challenge-Lab6$ mv *.aac audio/
svpatel@ubuntu106:~/challenge-Lab6$ mv *.mp3 audio/
svpatel@ubuntu106:~/challenge-Lab6$ mv *.docx docs/
svpatel@ubuntu106:~/challenge-Lab6$ mv *.pdf docs/
svpatel@ubuntu106:~/challenge-Lab6$ mv *.xls docs/
mv: cannot stat '*.xls': No such file or directory
svpatel@ubuntu106:~/challenge-Lab6$ mv *.jpg images/
svpatel@ubuntu106:~/challenge-Lab6$ mv *.png images/
svpatel@ubuntu106:~/challenge-Lab6$ tree .

```

```

.
├── audio
│   ├── song1.aac
│   ├── song1.mp3
│   ├── song2.aac
│   └── song2.mp3
├── docs
│   ├── docs1.docx
│   ├── docs1.pdf
│   ├── docs2.docx
│   └── docs2.pdf
├── image1.gif
├── image2.gif
├── images
│   ├── image1.jpg
│   ├── image1.png
│   └── image2.jpg
└──

```

```

svpatel@ubuntu106:~/challenge-Lab6$ mv *.mp3 audio/
svpatel@ubuntu106:~/challenge-Lab6$ mv *.docx docs/
svpatel@ubuntu106:~/challenge-Lab6$ mv *.pdf docs/
svpatel@ubuntu106:~/challenge-Lab6$ mv *.xls docs/
mv: cannot stat '*.xls': No such file or directory
svpatel@ubuntu106:~/challenge-Lab6$ mv *.jpg images/
svpatel@ubuntu106:~/challenge-Lab6$ mv *.png images/
svpatel@ubuntu106:~/challenge-Lab6$ tree .

```

```

.
├── audio
│   ├── song1.aac
│   ├── song1.mp3
│   ├── song2.aac
│   └── song2.mp3
├── docs
│   ├── docs1.docx
│   ├── docs1.pdf
│   ├── docs2.docx
│   └── docs2.pdf
├── image1.gif
├── image2.gif
├── images
│   ├── image1.jpg
│   ├── image1.png
│   ├── image2.jpg
│   └── image2.png
├── program.go
├── program.py
└── program.rb

```



LAB6 COMPLETED
