

Question 1

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1/1 ~ + [ ] [ ]
Tilix: cgcollado@cis106vm: ~
1: cgcollado@cis106vm: ~
cgcollado@cis106vm:~$ ls lab6/*.log
lab6/88_Application-log.log  lab6/dpkg.log          lab6/luahbtex.log          lab6/ubuntu-advantage-timer.log
lab6/alternatives.log       lab6/dvluatex.log      lab6/luatex.log           lab6/unattended-upgrades-dpkg.log
lab6/apache01-error.log     lab6/etex.log          lab6/mf.log               lab6/unattended-upgrades.log
lab6/apache22.log           lab6/fontconfig.log    lab6/pdfetex.log          lab6/unattended-upgrades-shutdown.log
lab6/apport.log             lab6/gpu-manager.log   lab6/pdfetex.log          lab6/updmap.log
lab6/auth.log               lab6/history.log        lab6/term.log             lab6/vboxadd-setup.log
lab6/bootstrap.log         lab6/http404.log        lab6/tex.log
lab6/casper.log             lab6/kern.log           lab6/ubuntu-advantage.log
cgcollado@cis106vm:~$ mkdir lab6/log-files
cgcollado@cis106vm:~$ mv lab6/*.log lab6/log-files/
cgcollado@cis106vm:~$ ls /etc/*.conf
/etc/adduser.conf           /etc/e2scrub.conf       /etc/kernel-img.conf      /etc/nftables.conf         /etc/sensors3.conf
/etc/apg.conf               /etc/fprintd.conf       /etc/kernelloops.conf     /etc/nsswitch.conf         /etc/sudo.conf
/etc/appstream.conf         /etc/fuse.conf           /etc/ld.so.conf            /etc/pam.conf              /etc/sudo_logsrvd.conf
/etc/brltty.conf            /etc/gai.conf            /etc/libao.conf            /etc/pnm2ppa.conf          /etc/sysctl.conf
/etc/ca-certificates.conf   /etc/hdparm.conf         /etc/libaudit.conf         /etc/resolv.conf           /etc/ucf.conf
/etc/debconf.conf           /etc/host.conf           /etc/logrotate.conf        /etc/rsyslog.conf          /etc/usb_modeswitch.conf
/etc/deluser.conf           /etc/inxi.conf           /etc/mke2fs.conf           /etc/rygel.conf            /etc/xattr.conf
cgcollado@cis106vm:~$ 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
cgcollado@cis106vm:~$ _

```

Question 2

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1/1 ~ + [ ] [ ]
Tilix: cgcollado@cis106vm: ~/lab6
1: cgcollado@cis106vm: ~/lab6
cgcollado@cis106vm:~$ cd lab6/
cgcollado@cis106vm:~/lab6$ ls .??*
.appveyor.yml      .eslintignore      .keep               .profile
.auto-changelog    .eslintrc.json     .last_revision      .sudo_as_admin_successful
.babelrc           .gitattributes      .lessht             .tern-project
.bash_history      .gitconfig         .lint               .testignore
.bash_logout       .gitignore         .metadata-v2        .tm_properties
.bashrc            .gitkeep           .meta.isrunning     .tonic_example.js
.changed           .gitmodules        .migrated           .travis.yml
.cis106.png        .gsd-keyboard.settings-ported .min-wd             .uuid
.coveralls.yml     .hidden            .npmignore          .vboxclient-clipboard.pid
.dir-locals.el     .htaccess          .nycrc              .vboxclient-draganddrop.pid
.editorconfig      .istanbul.yml      .obsolete           .vboxclient-seamless.pid
.envrc             .jscs.json         .padding            .vboxclient-vmvga-session-tty2.pid
.eslintignore      .jscsrc            .parentlock         .viminfo
.eslintrc          .jshintignore       .prettierrc         .vsixmanifest
.eslintrc.js       .jshintrc          .prettierrc.yaml
cgcollado@cis106vm:~/lab6$ ls -A *.??
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
cgcollado@cis106vm:~/lab6$ ls l?st*
last.txt list.txt lost.txt
cgcollado@cis106vm:~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
cgcollado@cis106vm:~/lab6$ _

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Question 3

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1/1 v + [ ] [ ] Tilix: cgcollado@cis106vm: ~/lab6
1: cgcollado@cis106vm: ~/lab6 v
cgcollado@cis106vm:~$ cd lab6/
cgcollado@cis106vm:~/lab6$ ls [A-Z]*
Document.doc  Expenses.xls
cgcollado@cis106vm:~/lab6$ ls [A-Z0-9]*
25Games.lst  Document.doc  Expenses.xls
cgcollado@cis106vm:~/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
cgcollado@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
cgcollado@cis106vm:~/lab6$ _
```

Question 4

- Problem 1

```
1/1 v + [ ] [ ] Tilix: cgcollado@cis106vm: ~/lab6
1: cgcollado@cis106vm: ~/lab6 v
cgcollado@cis106vm:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
cgcollado@cis106vm:~/lab6$ tree wallpapers/
wallpapers/
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
└── 4 directories, 0 files
cgcollado@cis106vm:~/lab6$ _
```

- problem 2

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1/1 v + [ ] [ ] Tilix: cgcollado@cis106vm: ~/lab6
1: cgcollado@cis106vm: ~/lab6 v
cgcollado@cis106vm:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
cgcollado@cis106vm:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
├── videos
│   ├── large
│   └── small
└── 6 directories, 0 files
cgcollado@cis106vm:~/lab6$ _
```

- Problem 3

```
1/1 + [ ] [ ] Tilix: cgcollado@cis106vm: ~/lab6
1: cgcollado@cis106vm: ~/lab6
cgcollado@cis106vm:~/lab6$ mkdir -p docs/books/{history,math}/{fall,spring}
cgcollado@cis106vm:~/lab6$ tree docs/
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   └── spring
│   └── math
│       ├── fall
│       └── spring
7 directories, 0 files
cgcollado@cis106vm:~/lab6$ touch docs/books/{history,math}/{fall,spring}/book.pdf
cgcollado@cis106vm:~/lab6$ tree docs/
docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
7 directories, 4 files
cgcollado@cis106vm:~/lab6$ _
```

• Problem 4

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1/1 + [ ] [ ] Tilix: cgcollado@cis106vm: /usr/share
1: cgcollado@cis106vm: /usr/share
cgcollado@cis106vm:~$ mkdir ~/lab6-q5
cgcollado@cis106vm:~$ cd /
cgcollado@cis106vm:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
cgcollado@cis106vm:/$ cd /usr/share/
cgcollado@cis106vm:/usr/share$ mkdir ~/lab6-q5/movies
cgcollado@cis106vm:/usr/share$ touchn ~/lab6-q5/movies/{movies.lst,movie.txt,disney.doc}
Command 'touchn' not found, did you mean:
  command 'touch' from deb coreutils (8.32-4.1ubuntu1)
Try: sudo apt install <deb name>
cgcollado@cis106vm:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,movie.txt,disney.doc}
cgcollado@cis106vm:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,movie.txt}}
cgcollado@cis106vm:/usr/share$ tree ~/lab6-q5/
/home/cgcollado/lab6-q5/
├── data.xls
└── movies
    └── movies.lst
1 directory, 2 files
cgcollado@cis106vm:/usr/share$ _
```

Challenge Question

```
1/1 + [ ] [ ] Tilix: cgcollado@cis106vm: ~
1: cgcollado@cis106vm: ~
cgcollado@cis106vm:~$ mkdir -p ~/challenge-Lab6/audio/{aac,mp3} ~/challenge-Lab6/docs/{docx,pdf,xls} ~/challenge-Lab6/images/{jpg,png}
cgcollado@cis106vm:~$ ls
Backup      Desktop    lab5-imgs  lab6-q5    practicels  snap       website
carloscollado88 Documents  lab5-video Music      practiceWildcars Templates
challenge-Lab6 Downloads  lab6       Pictures   Public     Videos
cgcollado@cis106vm:~$ mv ~/challenge-Lab6/*.aac ~/challenge-Lab6/audio/aac/
cgcollado@cis106vm:~$ mv ~/challenge-Lab6/*.mp3 ~/challenge-Lab6/audio/mp3/
cgcollado@cis106vm:~$ mv ~/challenge-Lab6/*.docx ~/challenge-Lab6/docs/docx/
cgcollado@cis106vm:~$ mv ~/challenge-Lab6/*.pdf ~/challenge-Lab6/docs/pdf/
cgcollado@cis106vm:~$ mv ~/challenge-Lab6/*.xls ~/challenge-Lab6/docs/xls/
mv: cannot stat '/home/cgcollado/challenge-Lab6/*.xls': No such file or directory
cgcollado@cis106vm:~$ mv ~/challenge-Lab6/*.[go,rb,sh,py] ~/challenge-Lab6/docs/xls/
mv: cannot stat '/home/cgcollado/challenge-Lab6/*.[go,rb,sh,py]': No such file or directory
cgcollado@cis106vm:~$ mv ~/challenge-Lab6/*.png ~/challenge-Lab6/images/png/
cgcollado@cis106vm:~$ mv ~/challenge-Lab6/*.jpg ~/challenge-Lab6/images/jpg/
cgcollado@cis106vm:~$ tree ~/challenge-Lab6/
/home/cgcollado/challenge-Lab6/
├── audio
│   ├── aac
│   │   ├── song1.aac
│   │   └── song2.aac
│   └── mp3
│       ├── song1.mp3
│       └── song2.mp3
├── docs
│   ├── docx
│   │   ├── docs1.docx
│   │   └── docs2.docx
│   ├── pdf
│   │   └── docs1.pdf
│   └── xls
│       ├── docs2.pdf
│       ├── 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
cgcollado@cis106vm:~$ _
```