## Lab 6

#### Question 1

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

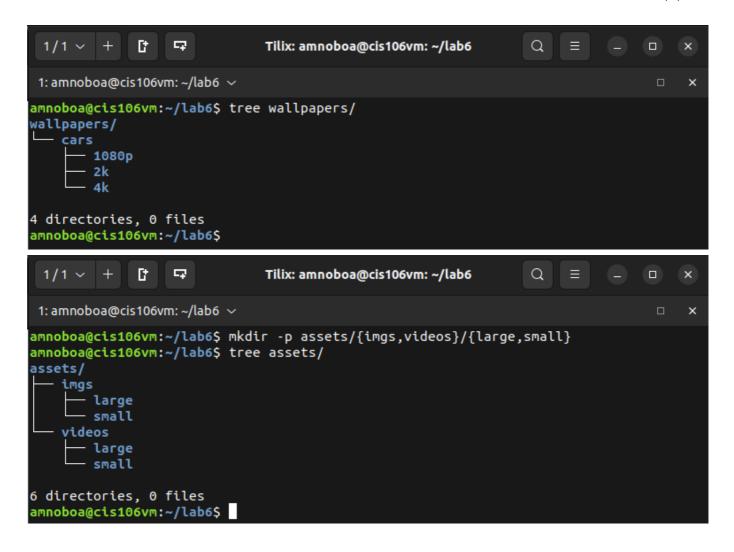
### Question 2

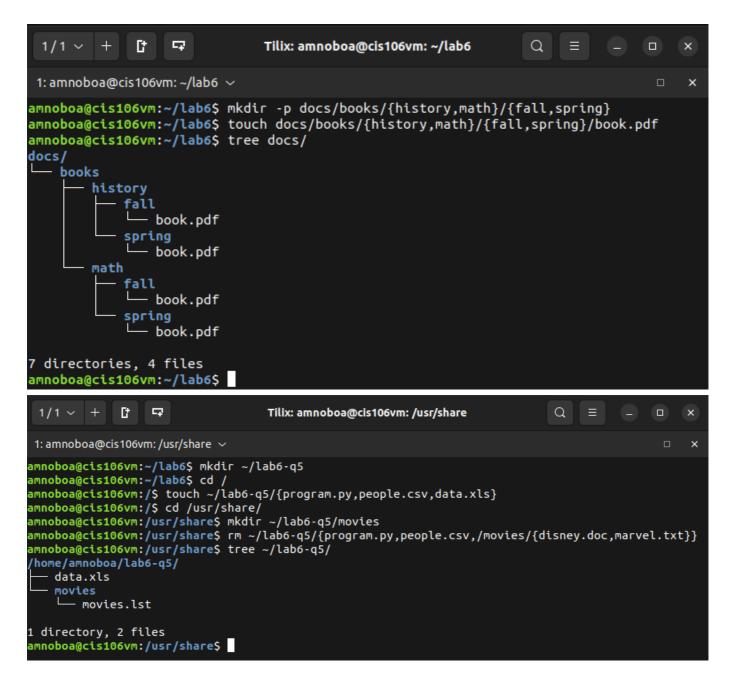
```
1: amnoboa@cis106vm: ~/lab6 ~
amnoboa@cis106vm:~/lab6$ ls .??*
                  .github.jpeg
.appveyor.yml
                                                      .nycrc
.auto-changelog
                  .gitignore
                                                      .obsolete
                   .gitkeep
                                                      .padding
.babelrc
.bash history
                   .gitmodules
                                                      .parentlock
                   .gsd-keyboard.settings-ported
.bash_logout
                                                      .prettierignore
.bashrc
                   .htaccess
                                                      .prettierrc.yaml
                   .istanbul.yml
                                                      .profile
.changed
                   .jscs.json
.jscsrc
.jshintignore
.cis106.png
                                                      .sudo_as_admin_successful
.coveralls.yml
                                                      .tern-project
.dir-locals.el
                                                      .testignore
                   .jshintrc
.keep
                                                      .tm_properties
.editorconfig
                                                      .tonic_example.js
.envrc
.eslintignore
                   .last revision
                                                      .travis.yml
                   .lesshst
.eslintrc
                                                      .uuid
.eslintrc.js
                   .lint
                                                      .vboxclient-clipboard.pid
                                                      .vboxclient-display-svga-x11.pid
.eslintrc.json
                   .metadata-v2
.eslintrc.yml
                   .meta.isrunning
                                                      .vboxclient-draganddrop.pid
                   .min-wd
                                                      .vboxclient-seamless.pid
.gitattributes
.gitconfig
                   .npmignore
                                                      .vsixmanifest
amnoboa@cis106vm:~/lab6$ ls *.??
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
amnoboa@cis106vm:~/lab6$ ls \(\bar{1}\)?st*
last.txt list.txt lost.txt
amnoboa@cis106vm:~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
amnoboa@cis106vm:~/lab6$
```

#### Question 3

```
1/1 ~ +
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                             Tilix: amnoboa@cis106vm: ~/lab6
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                  ×
 1: amnoboa@cis106vm: ~/lab6 ~
                                                                                  ×
amnoboa@cis106vm:~/lab6$ ls [A-Z]*
Document.doc Expenses.xls
amnoboa@cis106vm:~/lab6$ ls [A-Z0-9]*
25Games.lst Document.doc Expenses.xls
amnoboa@cis106vm:~/lab6$ ls *[0-9]*
              file 00.sh file 02.sh file 04.sh trip22-info.doc
25Games.lst
              file 01.sh file 03.sh file 05.sh
apache03.err
amnoboa@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
amnoboa@cis106vm:~/lab6$
```

### Question 4





# Question 5 Challenge

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                                                Tilix: amnoboa@cis106vm: ~
 1: amnoboa@cis106vm: ~ ~
amnoboa@cis106vm:~$ curl https://cis106.com/assets/lab6cq.sh | bash
  % Total
              % Received % Xferd
                                    Average Speed
                                                       Time
                                                                Time
                                                                          Time
                                                                                Current
                                     Dload
                                            Upload
                                                       Total
                                                                Spent
                                                                          Left
                                                                                Speed
      165 100
                  165
                          0
                                      1020
                                                 0 --:--:--
                                                                                  1024
amnoboa@cis106vm:~$ mkdir -p ~/challenge-Lab6/{audio/{aac,mp3},docs/{docx,pdf,xls},imgs/{jpg,png}}
amnoboa@cis106vm:~$ mv ~/challenge-Lab6/*.aac
amnoboa@cis106vm:~$ mv ~/challenge-Lab6/*.mp3
                                                    ~/challenge-Lab6/audio/aac/
                                                    ~/challenge-Lab6/audio/mp3/
amnoboa@cis106vm:~$ mv ~/challenge-Lab6/*.docx ~/challenge-Lab6/docs/docx/
amnoboa@cis106vm:~$ mv ~/challenge-Lab6/*.pdf
amnoboa@cis106vm:~$ mv ~/challenge-Lab6/*.jpg
                                                    ~/challenge-Lab6/docs/pdf/
                                                    ~/challenge-Lab6/imgs/jpg/
amnoboa@cis106vm:~$ mv ~/challenge-Lab6/*.png
                                                    ~/challenge-Lab6/imgs/png/
amnoboa@cis106vm:~$
```