lab6.md 2023-11-13

Lab 6 The Linux File System

Question 1

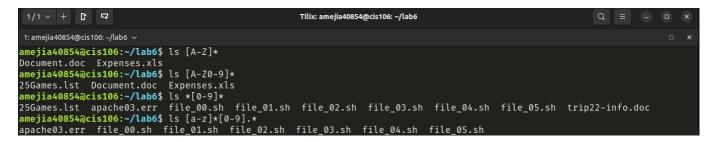
```
amejia40854@cis106:~$ ls lab6/*.log
lab6/88 Application-log.log lab6/kern.log
                              lab6/luahbtex.log
lab6/alternatives.log
lab6/apache01-error.log
                              lab6/luatex.log
                              lab6/mf.log
lab6/apache22.log
lab6/auth.log
                              lab6/pdfetex.log
lab6/bootstrap.log
                              lab6/pdftex.log
                              lab6/term.log
lab6/casper.log
                              lab6/tex.log
lab6/dpkg.log
lab6/dviluatex.log
                              lab6/ubuntu-advantage.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/updmap.log
lab6/http404.log
                              lab6/vboxadd-setup.log
amejia40854@cis106:~$ mkdir lab6/log-files; mv lab6/*.log lab6/log-files
amejia40854@cis106:~$ ls /etc/*.conf
/etc/adduser.conf
                           /etc/host.conf
                                                  /etc/pnm2ppa.conf
/etc/apg.conf
                           /etc/inxi.conf
                                                  /etc/resolv.conf
/etc/appstream.conf
                           /etc/kernel-img.conf
                                                  /etc/rsyslog.conf
/etc/brltty.conf
                           /etc/kerneloops.conf
                                                  /etc/rygel.conf
/etc/ca-certificates.conf
                           /etc/ld.so.conf
                                                  /etc/sensors3.conf
/etc/debconf.conf
                           /etc/libao.conf
                                                  /etc/sudo.conf
/etc/deluser.conf
                           /etc/libaudit.conf
                                                  /etc/sudo_logsrvd.conf
/etc/e2scrub.conf
                           /etc/logrotate.conf
                                                  /etc/sysctl.conf
/etc/fprintd.conf
                           /etc/mke2fs.conf
                                                  /etc/ucf.conf
/etc/fuse.conf
                           /etc/nftables.conf
                                                  /etc/usb_modeswitch.conf
/etc/gai.conf
                           /etc/nsswitch.conf
                                                  /etc/xattr.conf
/etc/hdparm.conf
                           /etc/pam.conf
amejia40854@cis106:~$ ls -lSgGh --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
amejia40854@cis106:~$
```

Question 2

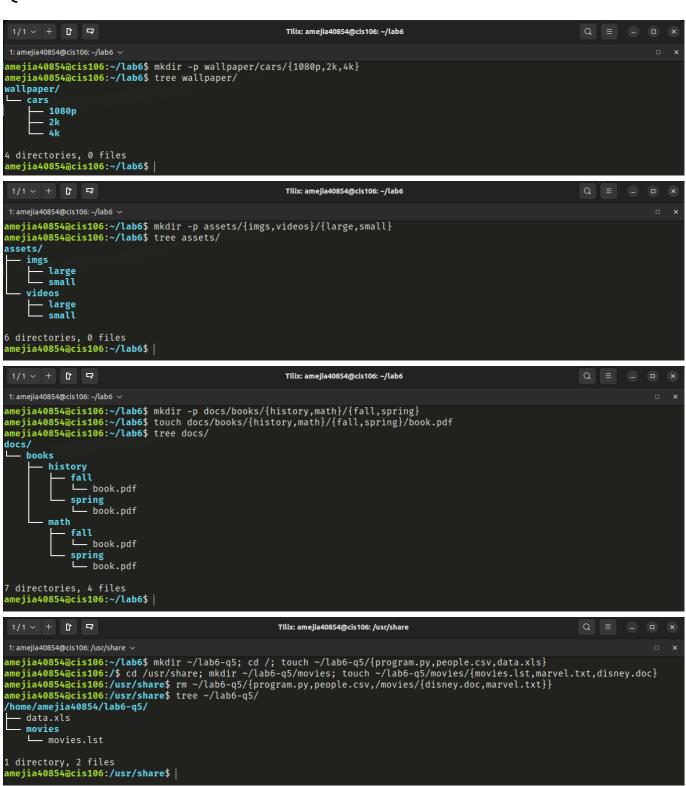
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                                                        Tilix: amejia40854@cis106: ~/lab6
1: amejia40854@cis106: \sim/lab6 \sim
 m<mark>ejia40854@cis106:~/lab6</mark>$ ls .??*
                                                                                        .profile
auto-changelog .eslintrc
                                                     .keep
babelrc
bash_aliases
                                                     .last_revision
                  .eslintrc.js
                                                                                        .python_history
                                                                                        .sudo_as_admin_successful
                  .eslintrc.json
                                                     .lesshst
bash_history
bash_logout
                  .eslintrc.yml
                                                                                        .tern-project
                  .gitattributes
                                                     .metadata-v2
                                                                                        .testignore
                                                                                        .textFiles
bashrc
                  .gitconfig
                                                     .meta.isrunning
                                                                                        .tm_properties
changed
                  .gitkeep
                                                     .mh sequences
                                                                                        .tonic_example.js
.travis.yml
                  .gitmodules
cis106.png
                                                     .min-wd
                  .gsd-keyboard.settings-ported .npmignore
claws_cache
claws_mark
claws_tags
coveralls.yml
                  .htaccess
                                                     .nycrc
                                                                                        .uuid
                                                     .obsolete
                  .istanbul.yml
                                                                                        .vboxclient-clipboard.pid
                                                     .org.chromium.Chromium.nIswp5
                                                                                        .vboxclient-draganddrop.pid
                  .jscs.json
                                                     .org.chromium.Chromium.U1cEMe
                                                                                        .vboxclient-seamless.pid
dir-locals.el
                  .jshintignore
.jshintrc
                                                     .padding
.parentlock
                                                                                        .vboxclient-vmsvga-session-tty2.pid
editorconfig
.vsixmanifest
.m<mark>ejia40854@cis106:~/lab6$</mark> ls *_??.*
ile_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
 nejīa40854@cis106:~/lab6$
```

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Question 3



Question 4



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Question 5

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                                         Tilix: amejia40854@cis106: ~/challenge-Lab6
 1: amejia40854@cis106: ~/challenge-Lab6 \,\,\,\,\,\,\,\,\,
amejia40854@cis106:~/challenge-Lab6$ mkdir -p {audio,audio/{aac,mp3},docs,docs/{docx,pdf,xls},image
s,images/{jpg,png}}
amejia40854@cis106:~/challenge-Lab6$ mv *.aac audio/aac/; mv *.mp3 audio/mp3/
amejia40854@cis106:~/challenge-Lab6$ mv *.docx docs/docx; mv *.pdf docs/pdf; mv *.xls docs/xls/
mv: cannot stat '*.xls': No such file or directory
amejia40854@cis106:~/challenge-Lab6$ mv *.jpg image
image1.gif image1.png image2.jpg images/
image1.jpg image2.gif image2.png
amejia40854@cis106:~/challenge-Lab6$ mv *.jpg images/jpg/; mv *.png images/png
amejia40854@cis106:~/challenge-Lab6$ tree .
    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
amejia40854@cis106:~/challenge-Lab6$
```