

Caroline Wallace Spring 2024 Cis106

Question 1

```
1 / 1  +  [f]  [r]  Tilix: ccwallace2@cis106: ~  [Q]  [≡]  [–]  [□]  [X]

1: ccwallace2@cis106: ~  [□]  [X]

ccwallace2@cis106:~$ ls lab6/*.log
lab6/88_Application-log.log  lab6/etex.log  lab6/pdfetex.log
lab6/alternatives.log      lab6/fontconfig.log  lab6/pdftex.log
lab6/apache01-error.log    lab6/gpu-manager.log  lab6/term.log
lab6/apache22.log          lab6/history.log      lab6/tex.log
lab6/auth.log              lab6/http404.log      lab6/ubuntu-advantage.log
lab6/bootstrap.log         lab6/kern.log          lab6/unattended-upgrades-dpkg.log
lab6/casper.log            lab6/luahbtex.log      lab6/unattended-upgrades.log
lab6/dpkg.log              lab6/luatex.log        lab6/unattended-upgrades-shutdown.log
lab6/dvluatex.log          lab6/mf.log            lab6/vboxadd-setup.log

ccwallace2@cis106:~$ mkdir lab6/log-files/
ccwallace2@cis106:~$ mv lab6/*.log lab6/log-files/
ccwallace2@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/kernelloops.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

ccwallace2@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
ccwallace2@cis106:~$ _
```

Question 2

```
1/1 v + [ ] [ ] Tilix: ccwallace2@cis106: ~/lab6
1: ccwallace2@cis106: ~/lab6 v AI [ ] x
ccwallace2@cis106:~/lab6$ ls .??*
.auto-changelog          .lint
.babelrc                 .metadata-v2
.bash_history            .meta.isrunning
.bash_logout             .min-wd
.bashrc                  .npmignore
.changed                 .nycrc
.coveralls.yml           .obsolete
.dir-locals.el           .padding
.editorconfig            .parentlock
.eslintignore            .prettierignore
.eslintrc                .prettierrc.yaml
.eslintrc.js             .profile
.eslintrc.json           .releaserc.json
.eslintrc.yml            .spmignore
.gitattributes           .sudo_as_admin_successful
.gitconfig               .tern-project
.gitkeep                 .testignore
.gitmodules              .tm_properties
.gsd-keyboard.settings-ported .tonic_example.js
.hidden                  .travis.yml
.htaccess                .vboxclient-clipboard-tty2-control.pid
.ignore                  .vboxclient-clipboard-tty2-service.pid
istanbul.yml             .vboxclient-draganddrop-tty2-control.pid
.jscs.json               .vboxclient-draganddrop-tty2-service.pid
.jscsrc                  .vboxclient-hostversion-tty2-control.pid
.jshintignore             .vboxclient-seamless-tty2-control.pid
.jshintrc                .vboxclient-seamless-tty2-service.pid
.keep                    .vboxclient-vmsvga-session-tty2-control.pid
.last_revision            .vboxclient-vmsvga-session-tty2-service.pid
.lessshst                .vsixmanifest
ccwallace2@cis106:~/lab6$ ls l?st*
last.txt list.txt lost.txt
ccwallace2@cis106:~/lab6$ ls * ??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
ccwallace2@cis106:~/lab6$ _
```

Question 3

```
1/1 v + [ ] [ ] Tilix: ccwallace2@cis106: ~/lab6
1: ccwallace2@cis106: ~/lab6 v AI [ ] x
ccwallace2@cis106:~/lab6$ ls [A-Z]*
Document.doc Expenses.xls
ccwallace2@cis106:~/lab6$ ls {A-Z0-9}*
ls: cannot access '{A-Z0-9}*': No such file or directory
ccwallace2@cis106:~/lab6$ ls [A-Z0-9]*
25Games.lst Document.doc Expenses.xls
ccwallace2@cis106:~/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
ccwallace2@cis106:~/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
ccwallace2@cis106:~/lab6$ _
```

Question 4

```
ccwallace2@cis106:~/lab6$ tree wallpapers/
wallpapers/
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
└── 
```

4 directories, 0 files
ccwallace2@cis106:~/lab6\$ _

```
ccwallace2@cis106:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small
```

6 directories, 0 files
ccwallace2@cis106:~/lab6\$ _

```
ccwallace2@cis106:~/lab6$ tree docs
docs
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── fall
│       │   └── book.pdf
│       └── spring
│           └── book.pdf
└── 
```

7 directories, 4 files
ccwallace2@cis106:~/lab6\$ _

```
812 cd /
813 touch ~/lab6-q5/[program.py,people.csv,data.xls]
814 cd usr/share/
815 mkdir ~/lab6-q5/movies
816 touch ~/lab6-q5/movies/[movies.lst,marvel.txt,disney.doc]
817 rm ~/lab6-q5/[program.py,people.csv] ~/lab6-q5/movies/{disney.doc,marvel.txt}
818 cd
819 rm ~/lab6-q5/[program.py,people.csv] ~/lab6-q5/movies/{disney.doc,marvel.txt}
820 rm ~/lab6-q5/[program.py,people.csv] ~/lab6-q5/movies/[disney.doc,marvel.txt]
821 tree lab6-q5/
822 rm lab6-q5/movies/[movies.lst,marvel.txt,disney.doc]
823 rm lab6-q5/[program.py,people.csv,data.xls]
824 clear
825 tree lab6-q5/
826 touch ~/lab6-q5/movies/{movies.lst,marvel.txt,disney.doc}
827 touch ~/lab6-q5/{program.py,people.csv,data.xls}
828 rm ~/lab6-q5/{program.py,people.csv,movies/{disney.doc,marvel.txt}}
829 tree lab6-q5/
830 rm ~/lab6-q5/movies/disney.doc
831 history
ccwallace2@cis106:~$
```

Challenge Question

```
challenge-Lab6/  
├── 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
```

```
835 mkdir -p challenge-Lab6/audio/{aac,mp3} challenge-Lab6/docs/{docx,pdf,xls} challenge-Lab6/images{jpg,png}  
836 tree challenge-Lab6/  
837 mv *.aac aac  
838 mv challenge-Lab6/*.aac aac  
839 mv challenge-Lab6/*.aac challenge-Lab6/audio/aac  
840 tree challenge-Lab6/  
841 mv challenge-Lab6/*.mp3 challenge-Lab6/audio/mp3/  
842 mv challenge-Lab6/*.docx challenge-Lab6/docs/docx/  
843 mv challenge-Lab6/*.pdf challenge-Lab6/docs/pdf/  
844 tree challenge-Lab6/  
845 rm imagesjpg  
846 rm challenge-Lab6/imagesjpg  
847 rm -d challenge-Lab6/imagesjpg  
848 rm -d challenge-Lab6/imagespng/  
849 mkdir challenge-Lab6/images/png  
850 mkdir -p challenge-Lab6/images/png  
851 mkdir -p challenge-Lab6/images/jpg  
852 mv challenge-Lab6/*.png challenge-Lab6/images/png/  
853 mv challenge-Lab6/*.jpg challenge-Lab6/images/jpg/  
854 tree challenge-Lab6/  
855 history
```