

Lab 6 Submission

Question 1:

```
blight@blight-VirtualBox:~$ ls Lab/*
ls: cannot access 'Lab/*': No such file or directory
blight@blight-VirtualBox:~$ ls Lab6/*
Lab6/88_Application-log.log  Lab6/luatex.log
Lab6/alternatives.log       Lab6/make.log
Lab6/apache2-error.log      Lab6/nf.log
Lab6/apache22.log           Lab6/pdfetex.log
Lab6/auth.log               Lab6/pdftex.log
Lab6/bootstrap.log          Lab6/term.log
Lab6/casper.log             Lab6/tex.log
Lab6/dpkg.log               Lab6/ubuntu-advantage.log
Lab6/dvluatex.log           Lab6/ubuntu-advantage-timer.log
Lab6/etex.log               Lab6/unattended-upgrades-dpkg.log
Lab6/fontconfig.log         Lab6/unattended-upgrades.log
Lab6/gpu-manager.log        Lab6/unattended-upgrades-shutdown.log
Lab6/history.log            Lab6/updmap.log
Lab6/httpd404.log           Lab6/vboxadd-install.log
Lab6/kern.log               Lab6/vboxadd-setup.log
Lab6/luahbtex.log           Lab6/vboxadd-uninstall.log
blight@blight-VirtualBox:~$ mkdir Lab6/log-files
blight@blight-VirtualBox:~$ mv Lab6/* Lab6/log-files/
blight@blight-VirtualBox:~$ ls /etc/*
/etc/adduser.conf  /etc/hostname  /etc/pam2ppa.conf
/etc/app.conf      /etc/hosts    /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/debianconf.conf /etc/libao.conf /etc/sudo.conf
/etc/default.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
blight@blight-VirtualBox:~$ 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
blight@blight-VirtualBox:~$
```

Question 2:

```
blight@blight-VirtualBox:~/lab6$ ls .??*
.appveyor.yml      .keep
.auto-changelog     .last_revision
.babelrc            .lessht
.bash_history       .lint
.bash_logout        .metadata-v2
.bashrc             .meta.isrunning
.changed            .min-wd
.cis106.png         .npmignore
.coveralls.yml      .nycrc
.dir-locals.el      .org.chromium.Chromium.4VJb1d
.editorconfig       .padding
.envrc              .parentlock
.eslintignore       .PCCC.png
.eslintrc           .prettierignore
.eslintrc.js         .prettierrc.yaml
.eslintrc.json       .profile
.eslintrc.yml        .sudo_as_admin_successful
.gitattributes       .tern-project
.gitconfig           .testignore
.gitignore           .tm_properties
.gitkeep             .tonic_example.js
.gitmodules          .travis.yml
.gsd-keyboard.settings-ported .uuid
.hidden              .vboxclient-clipboard.pid
.htaccess            .vboxclient-display-svga-x11.pid
.istanbul.yml        .vboxclient-draganddrop.pid
.jscs.json           .vboxclient-seamless.pid
.jscsrc              .vsixmanifest
.jshintignore        .youtube.png
.jshinttrc
blight@blight-VirtualBox:~/lab6$ ls -A *.??
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
blight@blight-VirtualBox:~/lab6$ ls l?st*
last.txt list.txt lost.txt
```

```
blight@blight-VirtualBox:~/lab6$ ls *_??.*
file_00.sh file_01.sh file_02.sh file_03.sh file_04.sh file_05.sh
blight@blight-VirtualBox:~/lab6$
```

Question 3:

```

blight@blight-VirtualBox:~/lab6$ ls [A-Z]*
Document.doc  Expenses.xls
blight@blight-VirtualBox:~/lab6$ ls [A-Z0-9]*
25Games.lst  Document.doc  Expenses.xls
blight@blight-VirtualBox:~/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
blight@blight-VirtualBox:~/lab6$ ls [a-z]* [0-9].*
ls: cannot access '[0-9].*': No such file or directory
apache03.err  file_00.sh  file_01.sh  file_02.sh  file_03.sh  file_04.sh  file_05.sh  last.txt  list.txt  lost.txt  trip22-info.doc

log-files:
88 Application-log.log  auth.log  dviluatex.log  history.log  luatex.log  pdftex.log  ubuntu-advantage-timer.log  updmap.log
alternatives.log      bootstrap.log  etex.log      http404.log  make.log    term.log    unattended-upgrades-dpkg.log  vboxadd-install.log
apache01-error.log     casper.log    fontconfig.log  kern.log     mf.log      tex.log     unattended-upgrades.log      vboxadd-setup.log
apache22.log           dpkg.log      gpu-manager.log  luahbtex.log  pdfetex.log  ubuntu-advantage.log  unattended-upgrades-shutdown.log  vboxadd-uninstall.log
blight@blight-VirtualBox:~/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
blight@blight-VirtualBox:~/lab6$

```

Question 4:

```

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

blight@blight-VirtualBox:~/lab6$ rm -r wallpapers/
blight@blight-VirtualBox:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}
blight@blight-VirtualBox:~/lab6$ tree wallpapers/
wallpapers/
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
└── 4 directories, 0 files

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

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

blight@blight-VirtualBox:~/lab6$

```

```

blight@blight-VirtualBox:~/lab6$ mkdir ~/lab6-q5
blight@blight-VirtualBox:~/lab6$ cd
blight@blight-VirtualBox:~$ cd /
bash: cd/: No such file or directory
blight@blight-VirtualBox:~$ cd /
blight@blight-VirtualBox:/$ touch ~/lab6-q5/{program.py,people.csv,data.xls}
blight@blight-VirtualBox:/$ cd /usr/share/
blight@blight-VirtualBox:/usr/share$ mkdir ~/lab6-q5/movies
blight@blight-VirtualBox:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,mарvel.txt,disney.doc}
blight@blight-VirtualBox:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,mарvel.txt}}
blight@blight-VirtualBox:/usr/share$ tree ~/lab6-q5/
/home/blight/lab6-q5/
├── data.xls
└── movies
    └── movies.lst
└── 1 directory, 2 files

blight@blight-VirtualBox:/usr/share$

```

Challenge Question

```

blight@blight-VirtualBox:~/challenge-Lab6$ mkdir ~/challenge-Lab6/{audio,docs,images}
blight@blight-VirtualBox:~/challenge-Lab6$ ls
audio          docs1.pdf      image1.gif     image2.gif     images         program.rb     song1.mp3
docs           docs2.docx     image1.jpg     image2.jpg     program.go     program.sh     song2.aac
docs1.docx     docs2.pdf      image1.png     image2.png     program.py     song1.aac      song2.mp3
blight@blight-VirtualBox:~/challenge-Lab6$ cd audio/
blight@blight-VirtualBox:~/challenge-Lab6/audio$ mkdir acc,mp3
blight@blight-VirtualBox:~/challenge-Lab6/audio$ ls
acc,mp3
blight@blight-VirtualBox:~/challenge-Lab6/audio$ rm -r acc,mp3/
blight@blight-VirtualBox:~/challenge-Lab6/audio$ cd
blight@blight-VirtualBox:~$ cd ~/challenge-Lab6/
blight@blight-VirtualBox:~/challenge-Lab6$ mkdir ~/challenge-Lab6/audio/{acc,mp3}
blight@blight-VirtualBox:~/challenge-Lab6$ mkdir ~/challenge-Lab6/docs/{docx,xls}
blight@blight-VirtualBox:~/challenge-Lab6$ mkdir ~/challenge-Lab6/docs/pdf
blight@blight-VirtualBox:~/challenge-Lab6$ mkdir ~/challenge-Lab6/images/{jpg,png}
blight@blight-VirtualBox:~/challenge-Lab6$ ls
audio          docs1.pdf      image1.gif     image2.gif     images         program.rb     song1.mp3
docs           docs2.docx     image1.jpg     image2.jpg     program.go     program.sh     song2.aac
docs1.docx     docs2.pdf      image1.png     image2.png     program.py     song1.aac      song2.mp3
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.aac ~/challenge-Lab6/audio/acc/
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.mp3 ~/challenge-Lab6/audio/mp3/
blight@blight-VirtualBox:~/challenge-Lab6$ ls
audio          docs1.pdf      image1.gif     image2.gif     images         program.rb
docs           docs2.docx     image1.jpg     image2.jpg     program.go     program.sh
docs1.docx     docs2.pdf      image1.png     image2.png     program.py
blight@blight-VirtualBox:~/challenge-Lab6$

```

```

blight@blight-VirtualBox:~/challenge-Lab6$ mv *.docx ~/challenge-Lab6/docs/docx/
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.pdf ~/challenge-Lab6/docs/pdf/
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.xls ~/challenge-Lab6/docs/xls/
mv: cannot stat '*.xls': No such file or directory
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.jpg ~/challenge-Lab6/images/jpg/
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.png ~/challenge-Lab6/images/png/
blight@blight-VirtualBox:~/challenge-Lab6$ ls
audio docs image1.gif image2.gif images program.go program.py program.rb program.sh
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.gif ~/challenge-Lab6/images
blight@blight-VirtualBox:~/challenge-Lab6$ ls
audio docs images program.go program.py program.rb program.sh
blight@blight-VirtualBox:~/challenge-Lab6$ mv [p] ~/challenge-Lab6/docs/xls/
mv: cannot stat '[p]': No such file or directory
blight@blight-VirtualBox:~/challenge-Lab6$ mv [Program] ~/challenge-Lab6/docs/xls/
mv: cannot stat '[Program]': No such file or directory
blight@blight-VirtualBox:~/challenge-Lab6$ mv [program] ~/challenge-Lab6/docs/xls/
mv: cannot stat '[program]': No such file or directory
blight@blight-VirtualBox:~/challenge-Lab6$ mv program? ~/challenge-Lab6/docs/xls/
mv: cannot stat 'program?': No such file or directory
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.go ~/challenge-Lab6/docs/xls/
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.py ~/challenge-Lab6/docs/xls/
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.rb ~/challenge-Lab6/docs/xls/
blight@blight-VirtualBox:~/challenge-Lab6$ mv *.sh ~/challenge-Lab6/docs/xls/
blight@blight-VirtualBox:~/challenge-Lab6$ tree

```

```

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

```