

Lab 6

Question 1

```
1/1 v + [ ] [ ]
Tilix: Terminal

1: Terminal v
apjames@cis106:~$ cd lab6/
apjames@cis106:~/lab6$ ls
log  log-files  q1  q2  q3
apjames@cis106:~/lab6$ cd q1
apjames@cis106:~/lab6/q1$ ls
app.cfg  fuse.conf  game.cfg  simple.cnf  sudo.conf  zebra.cnf
apjames@cis106:~/lab6/q1$ ls *.log
ls: cannot access '*.log': No such file or directory
apjames@cis106:~/lab6/q1$ mkdir ../log-files
mkdir: cannot create directory '../log-files': File exists
apjames@cis106:~/lab6/q1$ mv *.log ../log-files
mv: cannot stat '*.log': No such file or directory
apjames@cis106:~/lab6/q1$ mv *.log ../log-files/
mv: cannot stat '*.log': No such file or directory
apjames@cis106:~/lab6/q1$ [ ]

2: Terminal v
apjames@cis106:~$ ls -l lab6/q1/*.c*
-rw-rw-r-- 1 apjames apjames 0 May 10 21:40 lab6/q1/app.cfg
-rw-rw-r-- 1 apjames apjames 0 May 10 21:40 lab6/q1/fuse.conf
-rw-rw-r-- 1 apjames apjames 0 May 10 21:40 lab6/q1/game.cfg
-rw-rw-r-- 1 apjames apjames 0 May 10 21:40 lab6/q1/simple.cnf
-rw-rw-r-- 1 apjames apjames 0 May 10 21:40 lab6/q1/sudo.conf
-rw-rw-r-- 1 apjames apjames 0 May 10 21:40 lab6/q1/zebra.cnf
apjames@cis106:~$ ls -lgHs lb6/q1/*.c*
ls: cannot access 'lb6/q1/*.c*': No such file or directory
apjames@cis106:~$ ls -lgHs lab6/q1/*.c*
0 -rw-rw-r-- 1 0 May 10 21:40 lab6/q1/app.cfg
0 -rw-rw-r-- 1 0 May 10 21:40 lab6/q1/fuse.conf
0 -rw-rw-r-- 1 0 May 10 21:40 lab6/q1/game.cfg
0 -rw-rw-r-- 1 0 May 10 21:40 lab6/q1/simple.cnf
0 -rw-rw-r-- 1 0 May 10 21:40 lab6/q1/sudo.conf
0 -rw-rw-r-- 1 0 May 10 21:40 lab6/q1/zebra.cnf
apjames@cis106:~$ ls -lgHs --time-style=%D lab6/q1/*.c*
0 -rw-rw-r-- 1 0 05/10/25 lab6/q1/app.cfg
0 -rw-rw-r-- 1 0 05/10/25 lab6/q1/fuse.conf
0 -rw-rw-r-- 1 0 05/10/25 lab6/q1/game.cfg
0 -rw-rw-r-- 1 0 05/10/25 lab6/q1/simple.cnf
0 -rw-rw-r-- 1 0 05/10/25 lab6/q1/sudo.conf
0 -rw-rw-r-- 1 0 05/10/25 lab6/q1/zebra.cnf
apjames@cis106:~$ [ ]
```

Question 2

```
1/1 v + [ ] [ ]
Tilix: Terminal

1: Terminal v
apjames@cis106:~$ mkdir lab6/hidden-files/
apjames@cis106:~$ ls lab6/q2/.??*
lab6/q2/.code  lab6/q2/.index
lab6/q2/.helper  lab6/q2/.unit_test
apjames@cis106:~$ cp lab6/q2/.??* lab6/hidden-files/
apjames@cis106:~$ ls lab6/q2/.??
lab6/q2/code.go  lab6/q2/code.py  lab6/q2/code.sh
lab6/q2/code.js  lab6/q2/code.rb
apjames@cis106:~$ rm lab6/q2/.??
apjames@cis106:~$ ls lab6/q2/T*.*???
lab6/q2/Trip_doc.docx  lab6/q2/Trip_doc.vsd
lab6/q2/Trip_doc.pptx  lab6/q2/Trip_doc.xlsx
apjames@cis106:~$ rm lab6/q2/T*.*???
apjames@cis106:~$ ls lab6/q2/[lr][aeiou]*[0-9].*
lab6/q2/last_0.txt  lab6/q2/list_2.txt  lab6/q2/rest_0.txt
lab6/q2/last_1.txt  lab6/q2/list_3.txt  lab6/q2/rest_1.txt
lab6/q2/last_2.txt  lab6/q2/lost_0.txt  lab6/q2/rust_0.txt
lab6/q2/last_3.txt  lab6/q2/lost_1.txt  lab6/q2/rust_1.txt
lab6/q2/list_0.txt  lab6/q2/lost_2.txt
lab6/q2/list_1.txt  lab6/q2/lost_3.txt
apjames@cis106:~$ mkdir lab6/random
apjames@cis106:~$ mv lab6/q2/[lr][aeiou]*[0-9].* lab6/random
apjames@cis106:~$ [ ]

2: Terminal v
apjames@cis106:~$ tree -a lab6/h
lab6/hidden-files/
├── .code
├── .helper
├── .index
└── .unit_test

1 directory, 4 files
apjames@cis106:~$ [ ]

3: Terminal v
apjames@cis106:~$ tree lab6/q2
lab6/q2
0 directories, 0 files
apjames@cis106:~$ [ ]

4: Terminal v
├── lost_1.txt
├── lost_2.txt
├── lost_3.txt
├── rest_0.txt
├── rest_1.txt
├── rust_0.txt
└── rust_1.txt

1 directory, 16 files
apjames@cis106:~$ ls lab6/q2
apjames@cis106:~$ [ ]
```

Question 3

```
1/1 v + [ ] [ ] Tilix: Terminal
lab6/q2/code.js lab6/q2/code.rb
apjames@cis106:~$ rm lab6/q2/*.??
apjames@cis106:~$ ls lab6/q2/T*.????
lab6/q2/Trip_doc.docx lab6/q2/Trip_doc.vsd
lab6/q2/Trip_doc.pptx lab6/q2/Trip_doc.xlsx
apjames@cis106:~$ rm lab6/q2/T*.????
apjames@cis106:~$ ls lab6/q2/[lr][aeiou]*[0-9].*
lab6/q2/last_0.txt lab6/q2/list_2.txt lab6/q2/rest_0.txt
lab6/q2/last_1.txt lab6/q2/list_3.txt lab6/q2/rest_1.txt
lab6/q2/last_2.txt lab6/q2/lost_0.txt lab6/q2/rust_0.txt
lab6/q2/last_3.txt lab6/q2/lost_1.txt lab6/q2/rust_1.txt
lab6/q2/list_0.txt lab6/q2/lost_2.txt
lab6/q2/list_1.txt lab6/q2/lost_3.txt
apjames@cis106:~$ mkdir lab6/random
mkdir: cannot create directory 'lab6/random': File exists
apjames@cis106:~$ mkdor lab6/random
Command 'mkdor' not found, did you mean:
  command 'mkdir' from deb coreutils (9.4-2ubuntu2)
  command 'mkdoc' from deb tcclib (1.21+dfsg-1)
Try: sudo apt install <deb name>
apjames@cis106:~$ mkdir lab6/random
mkdir: cannot create directory 'lab6/random': File exists
apjames@cis106:~$ mv lab6/q2/[lr][aeiou]*[0-9].* ;ab6/random/
mv: target 'lab6/q2/rust_1.txt': Not a directory
bash: ab6/random/: No such file or directory
apjames@cis106:~$
```

```
1/1 v + [ ] [ ] Tilix: Terminal
apjames@cis106:~$ tree -a lab6/hidden-files/
lab6/hidden-files/
├── .code
├── .helper
├── .index
└── .unit_test

1 directory, 4 files
apjames@cis106:~$
```

```
Tilix: Terminal
1/1 v + [ ] [ ]
apjames@cis106:~$ touch lab6
apjames@cis106:~$ tree lab6/q2
lab6/q2
├── last_0.txt
├── last_1.txt
├── last_2.txt
├── last_3.txt
├── list_0.txt
├── list_1.txt
├── list_2.txt
├── list_3.txt
├── lost_0.txt
├── lost_1.txt
├── lost_2.txt
├── lost_3.txt
├── rest_0.txt
├── rest_1.txt
├── rust_0.txt
└── rust_1.txt

1 directory, 16 files
apjames@cis106:~$
```

```
Tilix: Terminal
1/1 v + [ ] [ ]
apjames@cis106:~$ mkdir -p ~/lab6/q3
apjames@cis106:~$ touch ~/lab6/q3/program.py ~/lab6/q3/people.cs
v ~/lab6/q3/data.xls
apjames@cis106:~$ rm ~/lab6/q3/_file0.old ~/lab6/q3/_file1.old ~
~/lab6/q3/_file2.old
apjames@cis106:~$
```

Challenge Question

```
1/1 v + [ ] [ ] Tilix: Terminal [ ] [ ] [ ] [ ] [ ]
apjames@cis106:~/challenge-Lab6$ tree
.
├── Audio
├── Documents
│   └── file-sample_150kB.pdf
├── Images
│   ├── 1ein.png
│   ├── 2ein.gif
│   └── 3ein.jpg
├── Others
│   ├── file-sample_100kB.odt
│   ├── file-sample_1MB.doc
│   ├── helloWorld.pl
│   ├── helloWorld.rb
│   ├── music.mp3
│   ├── sound_track.ogg
│   └── track.wav
├── Scripts
│   ├── helloWorld.py
│   └── helloWorld.sh
└── Videos
    ├── Breakers1.mp4
    └── Sonicwings2.mp4

7 directories, 15 files
apjames@cis106:~/challenge-Lab6$
```