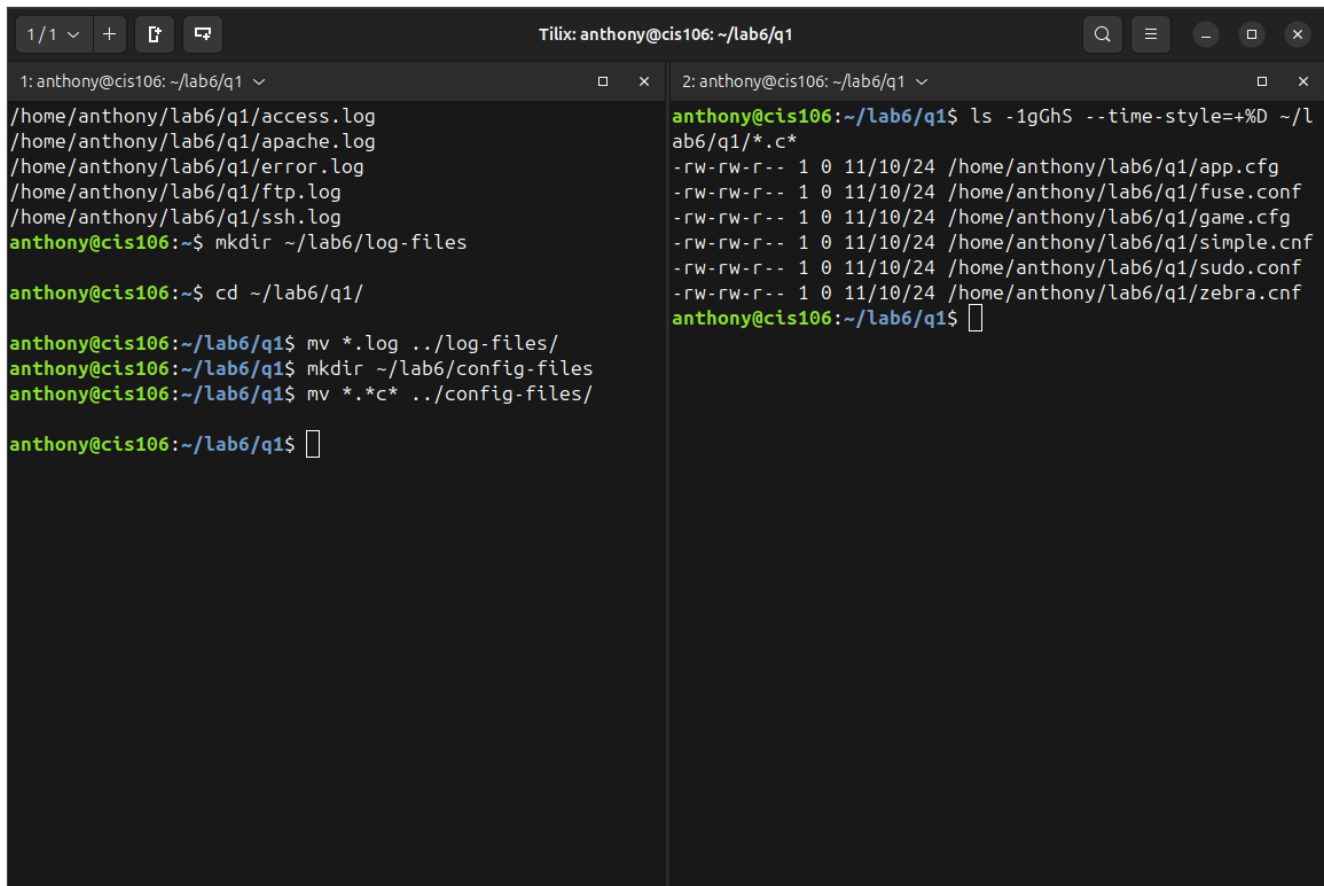


Lab 6 Submission

Question 1



```
Tilix: anthony@cis106: ~/lab6/q1

1: anthony@cis106: ~/lab6/q1
/home/anthony/lab6/q1/access.log
/home/anthony/lab6/q1/apache.log
/home/anthony/lab6/q1/error.log
/home/anthony/lab6/q1/ftp.log
/home/anthony/lab6/q1/ssh.log
anthony@cis106:~$ mkdir ~/lab6/log-files

anthony@cis106:~$ cd ~/lab6/q1/

anthony@cis106:~/lab6/q1$ mv *.log ../log-files/
anthony@cis106:~/lab6/q1$ mkdir ~/lab6/config-files
anthony@cis106:~/lab6/q1$ mv *.c* ../config-files/

anthony@cis106:~/lab6/q1$

2: anthony@cis106: ~/lab6/q1
anthony@cis106:~/lab6/q1$ ls -lgHs --time-style=+%D ~/lab6/q1/*.c*
-rw-rw-r-- 1 0 11/10/24 /home/anthony/lab6/q1/app.cfg
-rw-rw-r-- 1 0 11/10/24 /home/anthony/lab6/q1/fuse.conf
-rw-rw-r-- 1 0 11/10/24 /home/anthony/lab6/q1/game.cfg
-rw-rw-r-- 1 0 11/10/24 /home/anthony/lab6/q1/simple.cnf
-rw-rw-r-- 1 0 11/10/24 /home/anthony/lab6/q1/sudo.conf
-rw-rw-r-- 1 0 11/10/24 /home/anthony/lab6/q1/zebra.cnf
anthony@cis106:~/lab6/q1$
```

Question 2

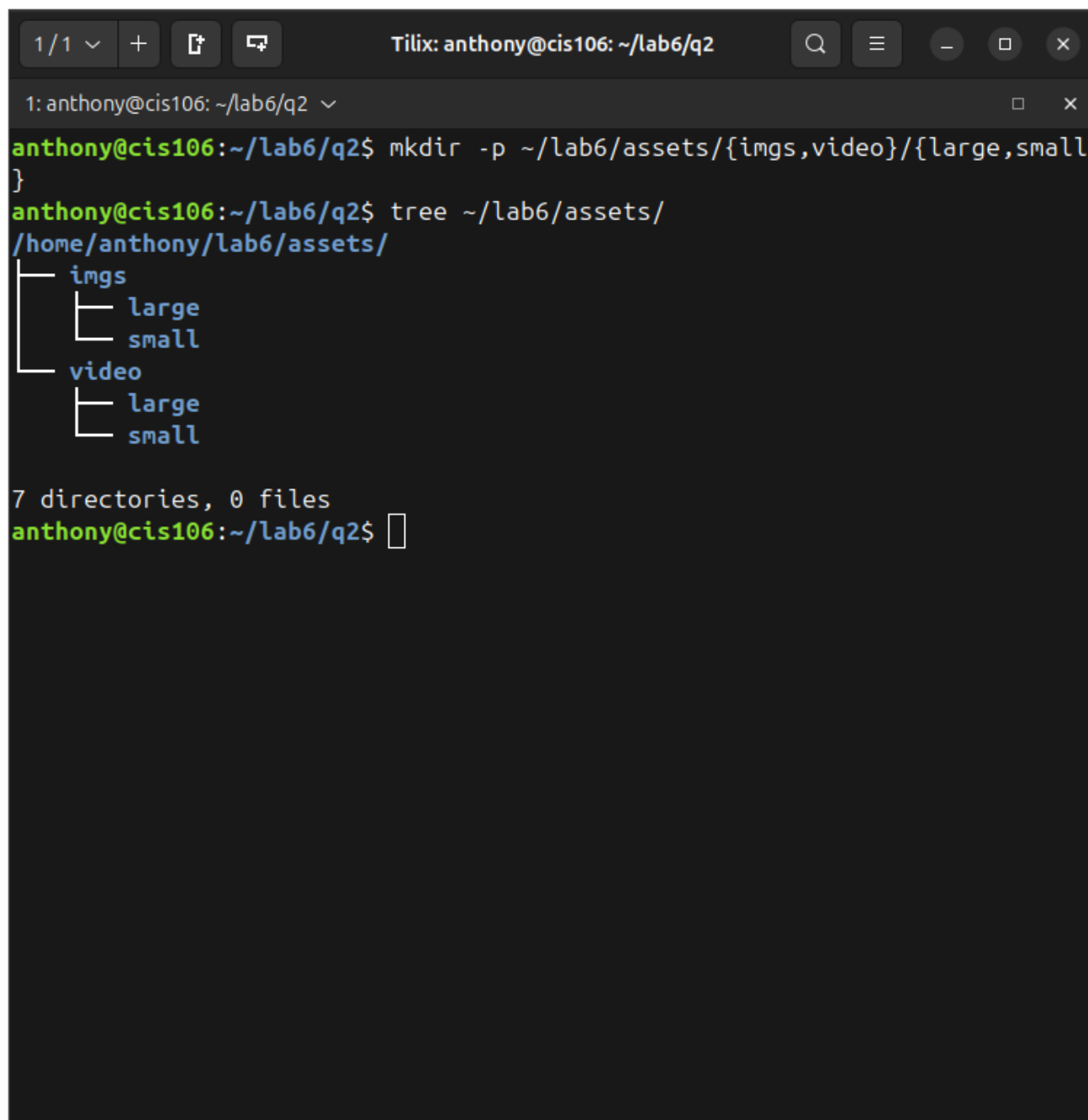
```
1/1  +  [Icons]  Tilix: anthony@cis106: ~/lab6/q2  [Search] [Menu] [Window] [Close]

1: anthony@cis106: ~/lab6/q2  [Close]

anthony@cis106:~$ mkdir ~/lab6/hidden-files
anthony@cis106:~$ ls ~/lab6/q2/.??*
/home/anthony/lab6/q2/.code    /home/anthony/lab6/q2/.index
/home/anthony/lab6/q2/.helper  /home/anthony/lab6/q2/.unit_test
anthony@cis106:~$ cd ~/lab6/q2
anthony@cis106:~/lab6/q2$ mv .??* ../hidden-files/
anthony@cis106:~/lab6/q2$ ls *.*?
code.go  code.js  code.py  code.rb  code.sh
anthony@cis106:~/lab6/q2$ rm *.*?
anthony@cis106:~/lab6/q2$ ls T*x.????
ls: cannot access 'T*x.????': No such file or directory
anthony@cis106:~/lab6/q2$ ls T*.????x
Trip_doc.docx  Trip_doc.pptx  Trip_doc.vsd  Trip_doc.xlsx
anthony@cis106:~/lab6/q2$ rm T*.????x
anthony@cis106:~/lab6/q2$ ls [lr][aeiouAEIOU]*[0-9].*
last_0.txt  last_3.txt  list_2.txt  lost_1.txt  rest_0.txt  rust_1.txt
last_1.txt  list_0.txt  list_3.txt  lost_2.txt  rest_1.txt
last_2.txt  list_1.txt  lost_0.txt  lost_3.txt  rust_0.txt
anthony@cis106:~/lab6/q2$ mkdir ~/lab6/random
anthony@cis106:~/lab6/q2$ mv [lr][aeiouAEIOU]*[0-9].* ../random/
anthony@cis106:~/lab6/q2$
```

Question 3

```
Tilix: anthony@cis106: ~/lab6/q2
1: anthony@cis106: ~/lab6/q2
anthony@cis106:~/lab6/q2$ mkdir -p ~/lab6/wallpapers/cars/{1080p,2k,4k}
anthony@cis106:~/lab6/q2$ tree ~/lab6/wallpapers
/home/anthony/lab6/wallpapers
├── cars
│   ├── 1080p
│   ├── 2k
│   └── 4k
5 directories, 0 files
anthony@cis106:~/lab6/q2$
```



```
1/1  +  [icon] [icon]  Tilix: anthony@cis106: ~/lab6/q2  [search] [menu] [minus] [maximize] [close]

1: anthony@cis106: ~/lab6/q2  [icon] [close]

anthony@cis106:~/lab6/q2$ mkdir -p ~/lab6/assets/{imgs,video}/{large,small}
anthony@cis106:~/lab6/q2$ tree ~/lab6/assets/
/home/anthony/lab6/assets/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small

7 directories, 0 files
anthony@cis106:~/lab6/q2$ 
```

```
1/1  +  [icon] [icon]  Tilix: anthony@cis106: ~  [search] [menu] [minus] [maximize] [close]

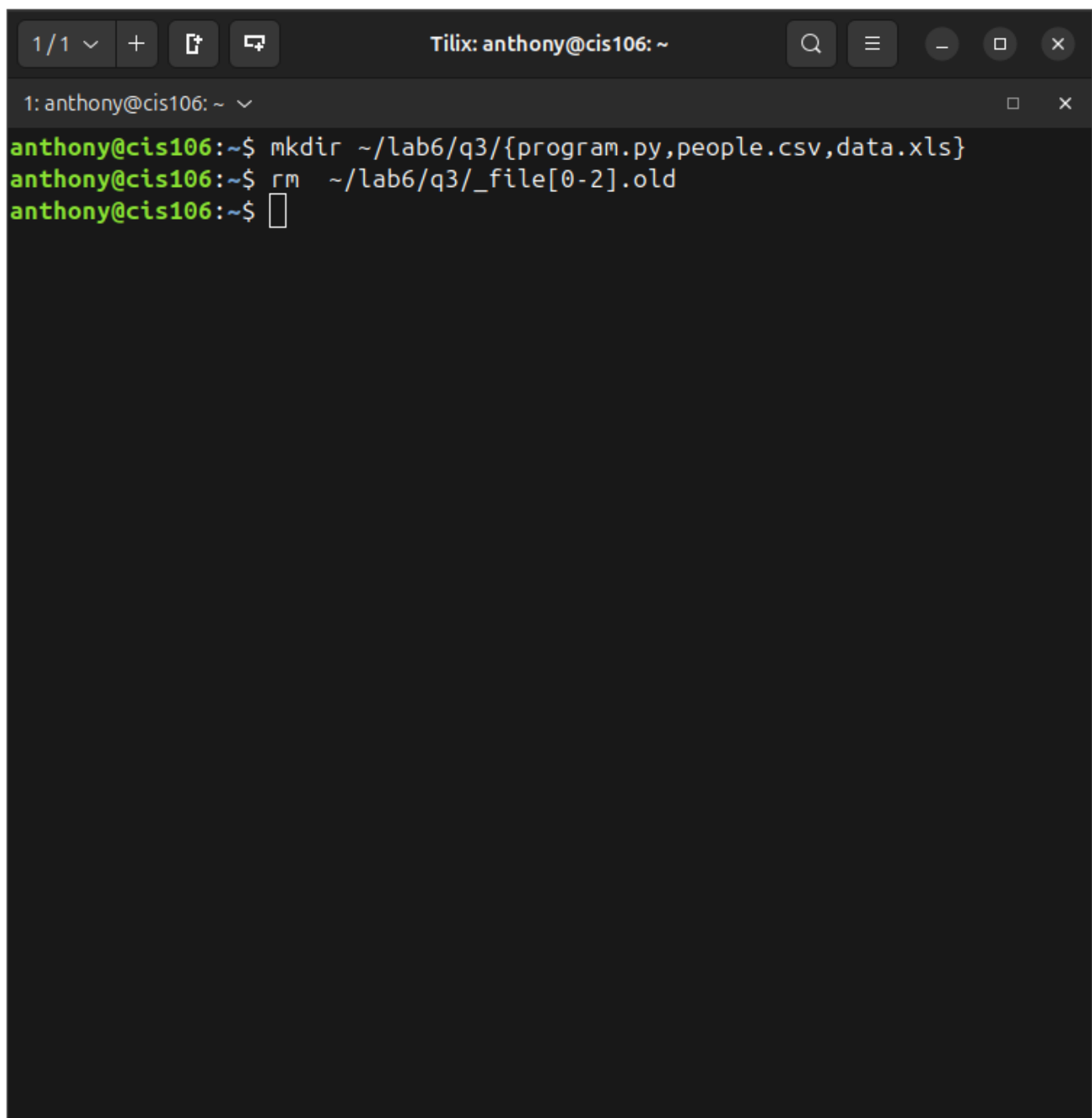
1: anthony@cis106: ~/lab6/q2  AI [icon] [close]

anthony@cis106:~/lab6/q2$ mkdir -p ~/lab6/docs/books/{history,math}
anthony@cis106:~/lab6/q2$ mkdir -p ~/lab6/docs/books/history/{fall,spring}
anthony@cis106:~/lab6/q2$ touch ~/lab6/docs/books/history/{fall,spring}/book.pdf
anthony@cis106:~/lab6/q2$ mkdir -p ~/lab6/docs/books/math/{2024,2025}
anthony@cis106:~/lab6/q2$ touch ~/lab6/docs/books/math/{2024,2025}/book.pdf

2: anthony@cis106: ~  [icon] [close]

anthony@cis106:~$ tree ~/lab6/docs/
/home/anthony/lab6/docs/
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── 2024
│       │   └── book.pdf
│       └── 2025
│           └── book.pdf
8 directories, 4 files
anthony@cis106:~$
```

Question 4

A terminal window titled "Tilix: anthony@cis106: ~" with standard window controls. The terminal shows three commands entered by the user 'anthony' at the 'cis106' machine. The first command creates a directory structure, the second removes old files, and the third is an empty prompt.

```
1: anthony@cis106: ~  
anthony@cis106:~$ mkdir ~/lab6/q3/{program.py,people.csv,data.xls}  
anthony@cis106:~$ rm ~/lab6/q3/_file[0-2].old  
anthony@cis106:~$
```

Challenge Question

1/1 + Tili: anthony@cis106: ~

1: anthony@cis106: ~

6/audio/wav/
anthony@cis106:~\$ tree ~/challenge-Lab6/
/home/anthony/challenge-Lab6/
├── audio
│ ├── mp
│ │ ├── Breakers1.mp4
│ │ ├── music.mp3
│ │ └── Sonicwings2.mp4
│ ├── ogg
│ │ └── sound_track.ogg
│ └── wav
│ └── track.wav
├── docs
│ ├── python
│ │ ├── helloWorld.pl
│ │ ├── helloWorld.py
│ │ ├── helloWorld.rb
│ │ └── helloWorld.sh
│ └── samples
│ ├── file-sample_100kB.odt
│ ├── file-sample_150kB.pdf
│ └── file-sample_1MB.doc
└── images
 ├── gif
 │ └── 3ein.jpg
 └── stills
 ├── 1ein.png
 └── 2ein.gif

11 directories, 15 files
anthony@cis106:~\$

1/1 + Tili: anthony@cis106: ~

1: anthony@cis106: ~

lab6ChallengeFiles/Sonicwings2.mp4
lab6ChallengeFiles/Breakers1.mp4
lab6ChallengeFiles/track.wav
lab6ChallengeFiles/sound_track.ogg

The /home/anthony/challenge-Lab6 directory has been created
Files in /home/anthony/challenge-Lab6

file-sample_1MB.doc
2ein.gif
3ein.jpg
music.mp3
Breakers1.mp4
Sonicwings2.mp4
file-sample_100kB.odt
sound_track.ogg
file-sample_150kB.pdf
helloWorld.pl
1ein.png
helloWorld.py
helloWorld.rb
helloWorld.sh
track.wav

2: anthony@cis106: ~

anthony@cis106:~\$ mkdir -p ~/challenge-Lab6/audio/{wav,ogg,mp}
anthony@cis106:~\$ mkdir -p ~/challenge-Lab6/docs/{python,samples}
anthony@cis106:~\$ mkdir -p ~/challenge-Lab6/images/{stills,gif}

/