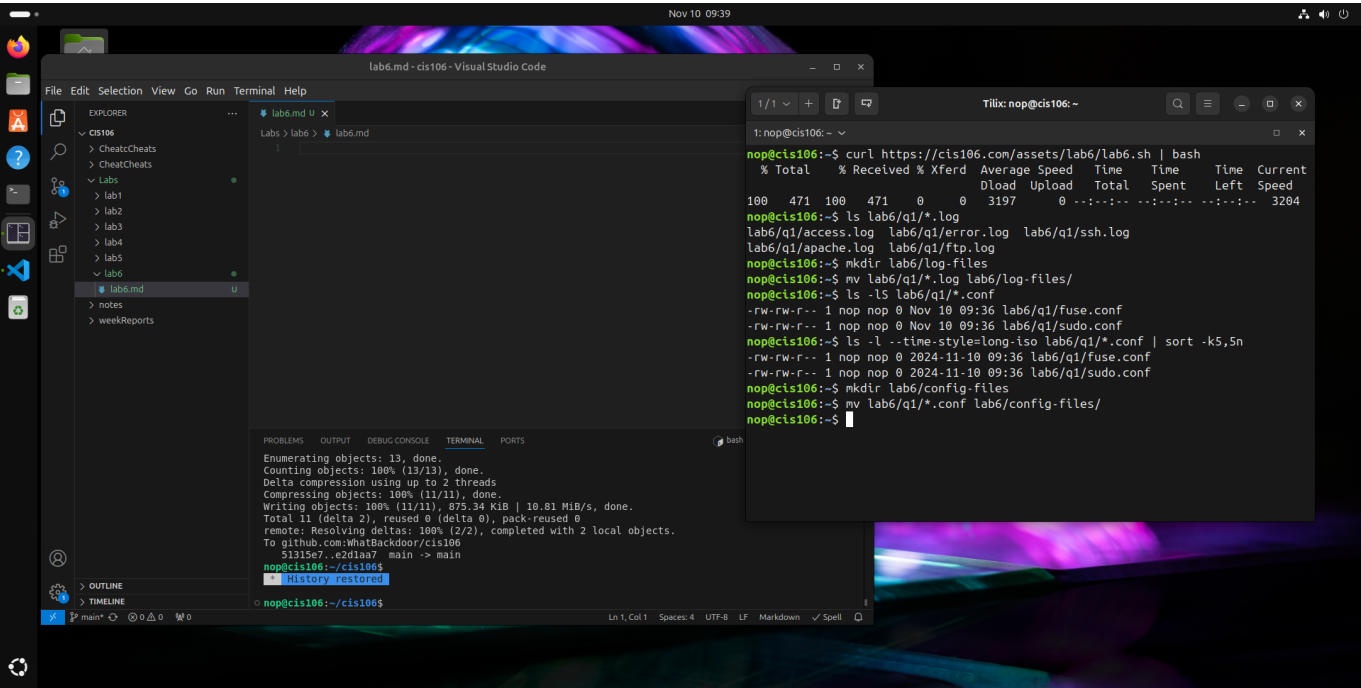


Lab 6

question 1



question 2

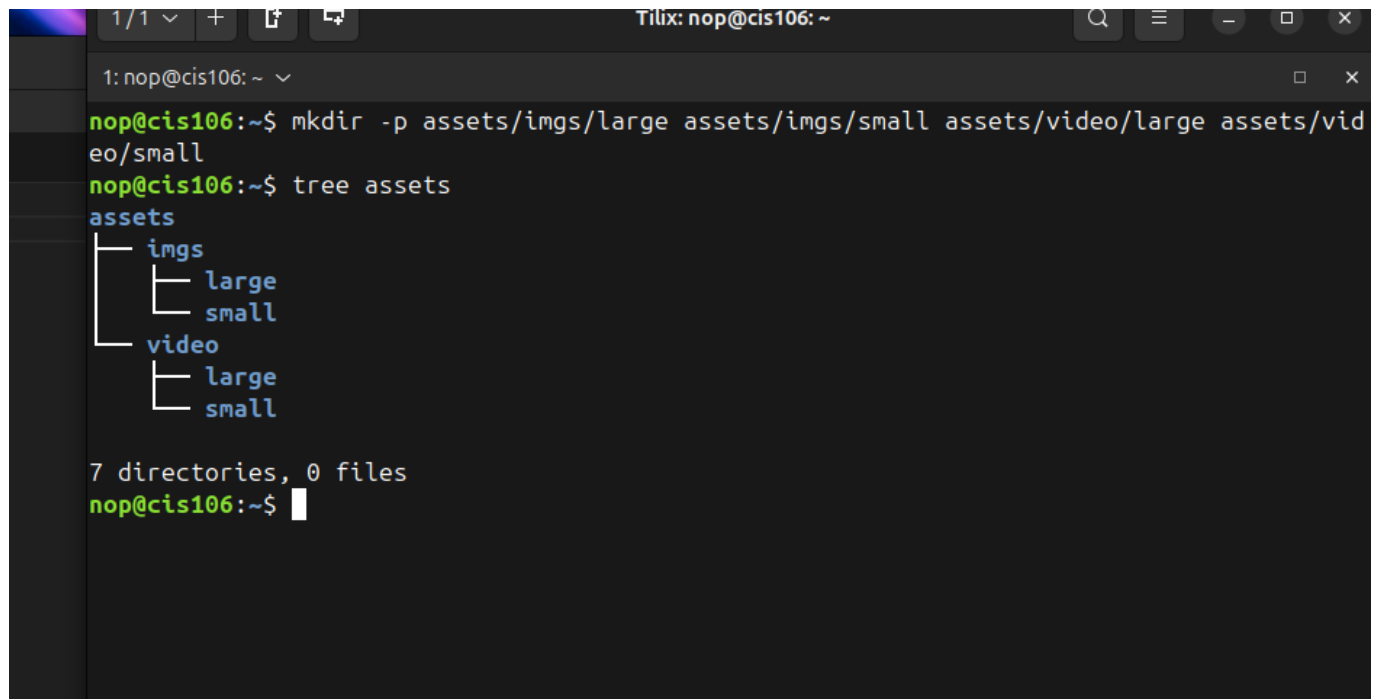
```
1/1  +  [T] [C]  Tilix: nop@cis106: ~  [Q] [≡] [−] [□] [×]
1: nop@cis106: ~  [AI] [□] [×]
nop@cis106:~$ mkdir lab6/hidden-files
nop@cis106:~$ ls -a lab6/q2 | grep "^\. "
.
..
.code
.helper
.index
.unit_test
nop@cis106:~$ cp lab6/q2/*. * lab6/hidden-files/
nop@cis106:~$ ls lab6/q2/*. [a-zA-Z][a-zA-Z]
lab6/q2/code.go lab6/q2/code.py lab6/q2/code.sh
lab6/q2/code.js lab6/q2/code.rb
nop@cis106:~$ ls lab6/q2/T??x
ls: cannot access 'lab6/q2/T??x': No such file or directory
nop@cis106:~$ find lab6/q2 -type f \( -name "l*[aeiou]*[0-9]*.*" -o -name "r*[aeiou]*[0-9]*.*" \)
lab6/q2/last_2.txt
lab6/q2/rust_1.txt
lab6/q2/lost_0.txt
lab6/q2/lost_2.txt
lab6/q2/list_2.txt
lab6/q2/rest_0.txt
lab6/q2/rust_0.txt
lab6/q2/last_0.txt
lab6/q2/last_1.txt
lab6/q2/lost_3.txt
lab6/q2/list_0.txt
lab6/q2/last_3.txt
lab6/q2/rest_1.txt
lab6/q2/list_3.txt
lab6/q2/lost_1.txt
lab6/q2/list_1.txt
nop@cis106:~$
nop@cis106:~$ mkdir lab6/random
nop@cis106:~$ mv lab6/q2/l*[aeiou]*[0-9]*.* lab6/random/
mv lab6/q2/r*[aeiou]*[0-9]*.* lab6/random/
nop@cis106:~$
```

question 3

question 3.1

```
1: nop@cis106: ~ ▾
nop@cis106:~$ tree lab6
lab6
├── config-files
│   ├── backups
│   ├── fuse.conf
│   ├── settings
│   └── sudo.conf
├── hidden-files
├── log-files
│   ├── access.log
│   ├── apache.log
│   ├── error.log
│   ├── ftp.log
│   └── ssh.log
├── q1
│   ├── app.cfg
│   ├── game.cfg
│   ├── simple.cnf
│   └── zebra.cnf
├── q2
│   ├── code.go
│   ├── code.js
│   ├── code.py
│   ├── code.rb
│   ├── code.sh
│   ├── Trip_doc.docx
│   ├── Trip_doc.pptx
│   ├── Trip_doc.vsd
│   └── Trip_doc.xlsx
├── q3
│   ├── _file0.old
│   ├── _file1.old
│   └── _file2.old
└── random
    ├── last_0.txt
    ├── last_1.txt
    ├── last_2.txt
    └── last_3.txt
```

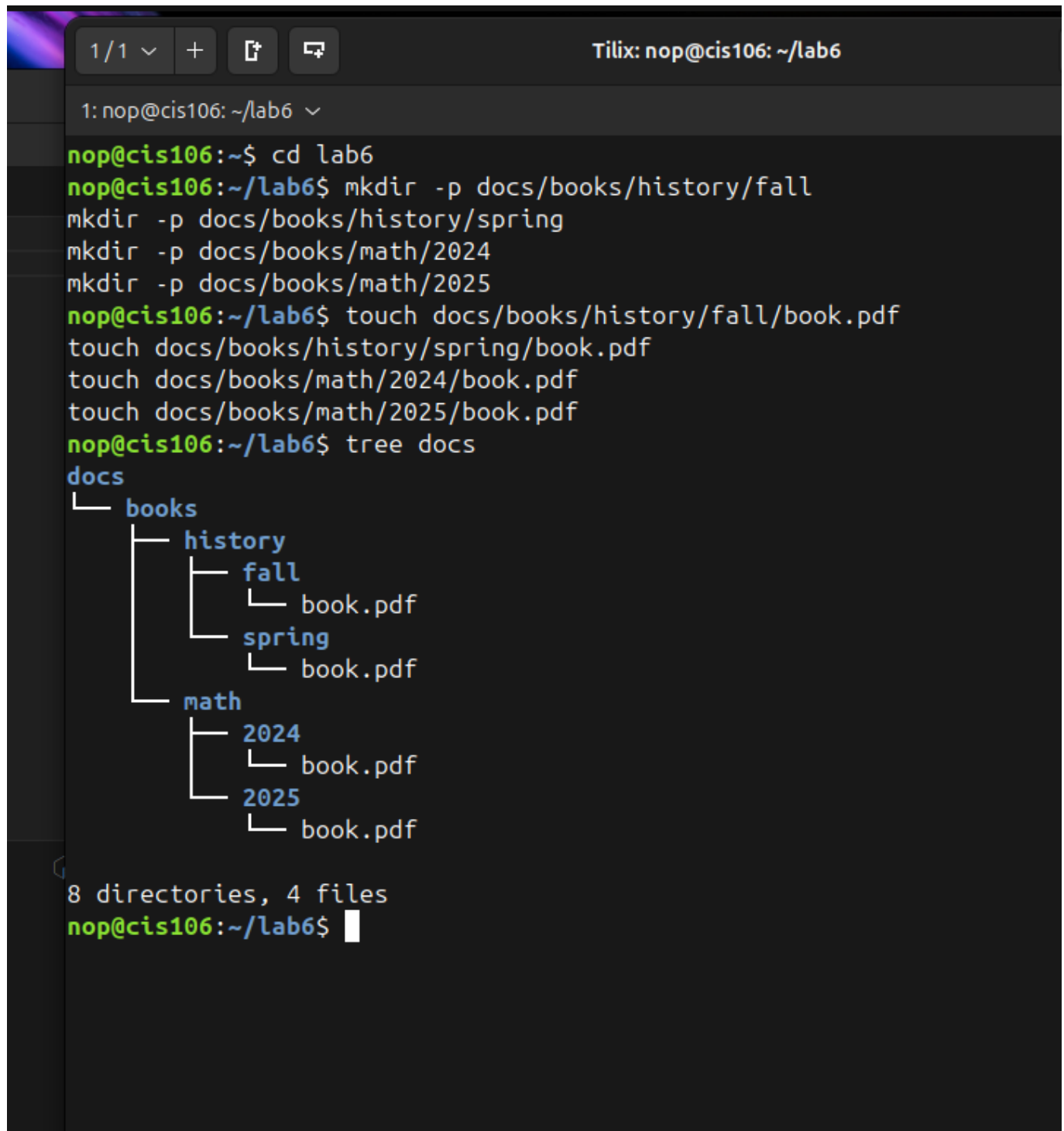
question 3.2



```
1/1 v + [ ] [ ] Tilix: nop@cis106: ~
1: nop@cis106: ~ v
nop@cis106:~$ mkdir -p assets/imgs/large assets/imgs/small assets/video/large assets/video/small
nop@cis106:~$ tree assets
assets
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small

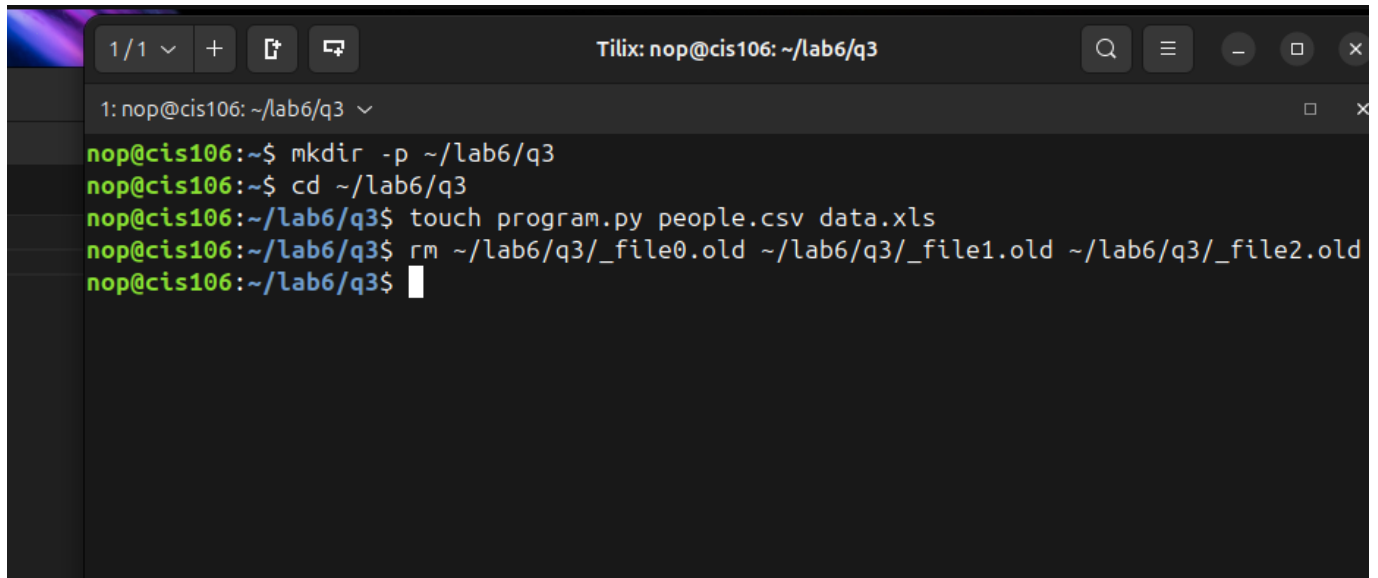
7 directories, 0 files
nop@cis106:~$
```

question 3.3



```
1/1 v + [icon] [icon] Tilix: nop@cis106: ~/lab6
1: nop@cis106: ~/lab6 v
nop@cis106:~$ cd lab6
nop@cis106:~/lab6$ mkdir -p docs/books/history/fall
mkdir -p docs/books/history/spring
mkdir -p docs/books/math/2024
mkdir -p docs/books/math/2025
nop@cis106:~/lab6$ touch docs/books/history/fall/book.pdf
touch docs/books/history/spring/book.pdf
touch docs/books/math/2024/book.pdf
touch docs/books/math/2025/book.pdf
nop@cis106:~/lab6$ tree docs
docs
├── books
│   ├── history
│   │   ├── fall
│   │   │   └── book.pdf
│   │   └── spring
│   │       └── book.pdf
│   └── math
│       ├── 2024
│       │   └── book.pdf
│       └── 2025
│           └── book.pdf
8 directories, 4 files
nop@cis106:~/lab6$
```

question 4



```
Tilix: nop@cis106: ~/lab6/q3
1: nop@cis106: ~/lab6/q3
nop@cis106:~$ mkdir -p ~/lab6/q3
nop@cis106:~$ cd ~/lab6/q3
nop@cis106:~/lab6/q3$ touch program.py people.csv data.xls
nop@cis106:~/lab6/q3$ rm ~/lab6/q3/_file0.old ~/lab6/q3/_file1.old ~/lab6/q3/_file2.old
nop@cis106:~/lab6/q3$
```

challenge question

```
1/1  +  [ ] [ ] Tilix: nop@cis106: ~/challenge-Lab6 [ ] [ ] [ ] [ ]
1: nop@cis106: ~/challenge-Lab6  [ ] [ ]
mv *.pdf docs/pdf/    # Move all .pdf files
mv *.xls docs/xls/    # Move all .xls files
mv: cannot stat '*.docx': No such file or directory
mv: cannot stat '*.pdf': No such file or directory
mv: cannot stat '*.xls': No such file or directory
nop@cis106:~/challenge-Lab6$ mv *.jpg images/jpg/ # Move all .jpg files
mv *.png images/png/ # Move all .png files
nop@cis106:~/challenge-Lab6$ tree ~/challenge-Lab6
/home/nop/challenge-Lab6
├── 2ein.gif
├── audio
│   ├── aac
│   └── mp3
│       └── music.mp3
├── Breakers1.mp4
├── docs
│   ├── docx
│   ├── pdf
│   │   └── file-sample_150kB.pdf
│   └── xls
├── file-sample_100kB.odt
├── file-sample_1MB.doc
├── helloWorld.pl
├── helloWorld.py
├── helloWorld.rb
├── helloWorld.sh
├── images
│   ├── jpg
│   │   └── 3ein.jpg
│   └── png
│       └── 1ein.png
├── Sonicwings2.mp4
├── sound_track.ogg
└── track.wav

11 directories, 15 files
nop@cis106:~/challenge-Lab6$
```