Lab 6

Question 1

Question 2

Question 3

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 1/1 ∨   +   ⬚  ▭                        Tilix: esantos@cis106desktop: ~/lab6                    ⌕  ☰  ⚬  ⬚

 1: esantos@cis106desktop: ~ ∨                              □  ✕   2: esantos@cis106desktop: ~/lab6 ∨                          ⬚
esantos@cis106desktop:~$ cd lab6/                                esantos@cis106desktop:~$ cd lab6/
esantos@cis106desktop:~/lab6$ mkdir -p wallpapers/cars/{1080p,2k,4k}  esantos@cis106desktop:~/lab6$ mkdir -p docs/books/{history/{fall,spring},math/{2024,2025}}
esantos@cis106desktop:~/lab6$ tree wallpapers/                   esantos@cis106desktop:~/lab6$ tree docs/
wallpapers/                                                      docs/
└── cars                                                         └── books
    ├── 1080p                                                        ├── history
    ├── 2k                                                           │   ├── fall
    └── 4k                                                           │   └── spring
                                                                     └── math
5 directories, 0 files                                                   ├── 2024
esantos@cis106desktop:~/lab6$ mkdir -p assets/{imgs,video}/{large,small}      └── 2025
esantos@cis106desktop:~/lab6$ tree assets/
assets/                                                          8 directories, 0 files
├── imgs                                                         esantos@cis106desktop:~/lab6$ touch docs/books/history/fall/book.pdf
│   ├── large                                                    esantos@cis106desktop:~/lab6$ touch docs/books/history/spring/book.pdf
│   └── small                                                    esantos@cis106desktop:~/lab6$ touch docs/books/math/2024/book.pdf
└── video                                                        esantos@cis106desktop:~/lab6$ touch docs/books/math/2025/book.pdf
    ├── large                                                    esantos@cis106desktop:~/lab6$ tree docs/
    └── small                                                    docs/
                                                                 └── books
7 directories, 0 files                                               ├── history
esantos@cis106desktop:~/lab6$ cd ~                                   │   ├── fall
esantos@cis106desktop:~$ tree ~/lab6/q3                              │   │   └── book.pdf
/home/esantos/lab6/q3                                               │   └── spring
├── _file0.old                                                      │       └── book.pdf
├── _file1.old                                                      └── math
└── _file2.old                                                          ├── 2024
                                                                        │   └── book.pdf
1 directory, 3 files                                                    └── 2025
esantos@cis106desktop:~$ touch ~/lab6/q3/{program.py,people.csv,data.xls}        └── book.pdf
esantos@cis106desktop:~$ tree ~/lab6/q3
/home/esantos/lab6/q3                                            8 directories, 4 files
├── data.xls                                                     esantos@cis106desktop:~/lab6$ ▮
├── _file0.old
├── _file1.old
├── _file2.old
├── people.csv
└── program.py

1 directory, 6 files
esantos@cis106desktop:~$ rm ~/lab6/q3/{_file0.old,_file1.old,_file2.old}}
rm: cannot remove '/home/esantos/lab6/q3/_file0.old': No such file or directory
rm: cannot remove '/home/esantos/lab6/q3/_file1.old': No such file or directory
rm: cannot remove '/home/esantos/lab6/q3/_file2.old': No such file or directory
esantos@cis106desktop:~$ rm -i ~/lab6/q3/{_file0.old,_file1.old,_file2.old}}
rm: cannot remove '/home/esantos/lab6/q3/_file0.old': No such file or directory
rm: cannot remove '/home/esantos/lab6/q3/_file1.old': No such file or directory
rm: cannot remove '/home/esantos/lab6/q3/_file2.old': No such file or directory
esantos@cis106desktop:~$ rm  ~/lab6/q3/{_file0.old,_file1.old,_file2.old}
esantos@cis106desktop:~$ tree ~/lab6/q3
/home/esantos/lab6/q3
├── data.xls
├── people.csv
└── program.py

1 directory, 3 files
esantos@cis106desktop:~$ ▯
```

Challenge Question

```
1/1 ∨  +  ⬚  ⬚                    Tilix: esantos@cis106desktop: ~/challenge-Lab6                    🔍  ☰  ⊟  ⊡
```

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1: esantos@cis106desktop: ~/challenge-Lab6 ∨                                    ⬚  ✕   2: esantos@cis106desktop: ~ ∨
```

Left pane:

```
esantos@cis106desktop:~/challenge-Lab6$ tree challenge/
challenge/
├── audio
│   ├── mp3
│   └── mp4
├── docs
│   ├── code
│   ├── doc
│   └── pdf
└── images
    ├── gif
    └── jpg

11 directories, 0 files
esantos@cis106desktop:~/challenge-Lab6$ mv {*.png,*.jpg} challenge/images/jpg/
esantos@cis106desktop:~/challenge-Lab6$ mv {*.gif} challenge/images/gif/

mv: cannot stat '{*.gif}': No such file or directory
esantos@cis106desktop:~/challenge-Lab6$ mv *.gif challenge/images/gif/

esantos@cis106desktop:~/challenge-Lab6$ mv {*.mp3,*.wav} challenge/audio/mp3/
esantos@cis106desktop:~/challenge-Lab6$ mv {*.mp4,*.ogg} challenge/audio/mp4/
esantos@cis106desktop:~/challenge-Lab6$ mv {*.py,*.pl,*.rb,*.sh} challenge/docs/code/
esantos@cis106desktop:~/challenge-Lab6$ mv {*.doc,*.odt} challenge/docs/doc/
esantos@cis106desktop:~/challenge-Lab6$ mv {*.pdf} challenge/docs/pdf/
mv: cannot stat '{*.pdf}': No such file or directory
esantos@cis106desktop:~/challenge-Lab6$ mv *.pdf challenge/docs/pdf/
esantos@cis106desktop:~/challenge-Lab6$ tree challenge/
challenge/
├── audio
│   ├── mp3
│   │   ├── music.mp3
│   │   └── track.wav
│   └── mp4
│       ├── Breakers1.mp4
│       ├── Sonicwings2.mp4
│       └── sound_track.ogg
├── docs
│   ├── code
│   │   ├── helloWorld.pl
│   │   ├── helloWorld.py
│   │   ├── helloWorld.rb
│   │   └── helloWorld.sh
│   ├── doc
│   │   ├── file-sample_100kB.odt
│   │   └── file-sample_1MB.doc
│   └── pdf
│       └── file-sample_150kB.pdf
└── images
    ├── gif
    │   └── 2ein.gif
    └── jpg
        ├── 1ein.png
        └── 3ein.jpg

11 directories, 15 files
esantos@cis106desktop:~/challenge-Lab6$ █
```

Right pane:

```
esantos@cis106desktop:~$ ls ~/challenge-Lab6/
Breakers1.mp4
challenge
file-sample_100kB.odt
file-sample_150kB.pdf
file-sample_1MB.doc
helloWorld.pl
helloWorld.py
helloWorld.rb
helloWorld.sh
music.mp3
Sonicwings2.mp4
sound_track.ogg
track.wav
esantos@cis106desktop:~$ tree ~/challenge-Lab6/
/home/esantos/challenge-Lab6/
├── Breakers1.mp4
├── challenge
│   ├── audio
│   │   ├── mp3
│   │   └── mp4
│   ├── docs
│   │   ├── code
│   │   ├── doc
│   │   └── pdf
│   └── images
│       ├── gif
│       │   └── 2ein.gif
│       └── jpg
│           ├── 1ein.png
│           └── 3ein.jpg
├── file-sample_100kB.odt
├── file-sample_150kB.pdf
├── file-sample_1MB.doc
├── helloWorld.pl
├── helloWorld.py
├── helloWorld.rb
├── helloWorld.sh
├── music.mp3
├── Sonicwings2.mp4
├── sound_track.ogg
└── track.wav

12 directories, 15 files
esantos@cis106desktop:~$ █
```

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