Lab 6

Question 1

Question 2

Question 3

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1: saymaakter@CIS106VirtualBox: ~/lab6 ⌄                                                                         ⬚

saymaakter@CIS106VirtualBox:~/lab6$ ls [A-Z]*
Document.doc  Expenses.xls
saymaakter@CIS106VirtualBox:~/lab6$ ls [A-Z0-9]*
25Games.lst  Document.doc  Expenses.xls
saymaakter@CIS106VirtualBox:~/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
saymaakter@CIS106VirtualBox:~/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
saymaakter@CIS106VirtualBox:~/lab6$ ▋
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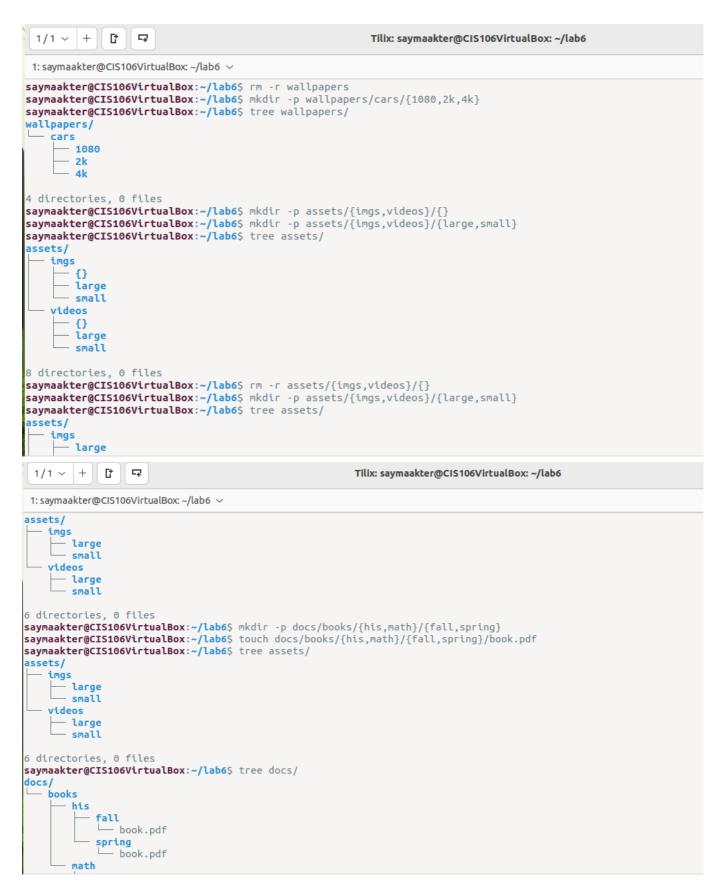
Question 4

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1/1 ∨   +   ⬚   ⬚                    Tilix: saymaakter@CIS106VirtualBox: ~/lab6

1: saymaakter@CIS106VirtualBox: ~/lab6 ∨

saymaakter@CIS106VirtualBox:~/lab6$ rm -r wallpapers
saymaakter@CIS106VirtualBox:~/lab6$ mkdir -p wallpapers/cars/{1080,2k,4k}
saymaakter@CIS106VirtualBox:~/lab6$ tree wallpapers/
wallpapers/
└── cars
    ├── 1080
    ├── 2k
    └── 4k

4 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ mkdir -p assets/{imgs,videos}/{}
saymaakter@CIS106VirtualBox:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
saymaakter@CIS106VirtualBox:~/lab6$ tree assets/
assets/
├── imgs
│   ├── {}
│   ├── large
│   └── small
└── videos
    ├── {}
    ├── large
    └── small

8 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ rm -r assets/{imgs,videos}/{}
saymaakter@CIS106VirtualBox:~/lab6$ mkdir -p assets/{imgs,videos}/{large,small}
saymaakter@CIS106VirtualBox:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
```

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1: saymaakter@CIS106VirtualBox: ~/lab6 ∨

assets/
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small

6 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ mkdir -p docs/books/{his,math}/{fall,spring}
saymaakter@CIS106VirtualBox:~/lab6$ touch docs/books/{his,math}/{fall,spring}/book.pdf
saymaakter@CIS106VirtualBox:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small

6 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ tree docs/
docs/
└── books
    ├── his
    │   ├── fall
    │   │   └── book.pdf
    │   └── spring
    │       └── book.pdf
    └── math
```

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1/1 ∨    +    ⬓    ⬚                              Tilix: saymaakter@CIS106VirtualBox: ~/lab6

1: saymaakter@CIS106VirtualBox: ~/lab6 ∨

6 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ mkdir -p docs/books/{his,math}/{fall,spring}
saymaakter@CIS106VirtualBox:~/lab6$ touch docs/books/{his,math}/{fall,spring}/book.pdf
saymaakter@CIS106VirtualBox:~/lab6$ tree assets/
assets/
├── imgs
│   ├── large
│   └── small
└── videos
    ├── large
    └── small

6 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ tree docs/
docs/
└── books
    ├── his
    │   ├── fall
    │   │   └── book.pdf
    │   └── spring
    │       └── book.pdf
    └── math
        ├── fall
        │   └── book.pdf
        └── spring
            └── book.pdf

7 directories, 4 files
saymaakter@CIS106VirtualBox:~/lab6$ ▌
```

```
1/1 ∨    +    ⬓    ⬚                          Tilix: saymaakter@CIS106VirtualBox: /usr/share

1: saymaakter@CIS106VirtualBox: /usr/share ∨

saymaakter@CIS106VirtualBox:~/lab6$ mkdir ~/lab6-q5
saymaakter@CIS106VirtualBox:~/lab6$ cd /
saymaakter@CIS106VirtualBox:/$ touch ~/lab6-q5/{program.py,people,csv,data.xls}
saymaakter@CIS106VirtualBox:/$ cd /usr/share/
saymaakter@CIS106VirtualBox:/usr/share$ mkdir ~/lab6-q5/movies
saymaakter@CIS106VirtualBox:/usr/share$ touch ~/lab6-q5/movies/{movies.lst,marvel.txt,disney.doc}
saymaakter@CIS106VirtualBox:/usr/share$ rm ~/lab6-q5/
rm: cannot remove '/home/saymaakter/lab6-q5/': Is a directory
saymaakter@CIS106VirtualBox:/usr/share$ rm ~/lab6-q5/{program.py,people.csv,/movies/{disney.doc,marvel.txt}}
rm: cannot remove '/home/saymaakter/lab6-q5/people.csv': No such file or directory
saymaakter@CIS106VirtualBox:/usr/share$ tree ~/lab6-q5/
/home/saymaakter/lab6-q5/
├── csv
├── data.xls
├── movies
│   └── movies.lst
└── people

1 directory, 4 files
saymaakter@CIS106VirtualBox:/usr/share$ ▌
```

Question 5 Challenge

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  1/1 ˅   +    ⬚    ⬚                      Tilix: saymaakter@CIS106VirtualBox: ~/lab6

  1: saymaakter@CIS106VirtualBox: ~/lab6 ˅

saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/audio/
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/audio/{acc,mp3}
saymaakter@CIS106VirtualBox:~/lab6$ tree challenge-lab6/
challenge-lab6/
└── audio
    ├── acc
    └── mp3

3 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/audio/acc/all-acc-files-here
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/mp3/acc/all-mp3-files-here
mkdir: cannot create directory 'challenge-lab6/mp3/acc/all-mp3-files-here': No such file or directory
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/audio/mp3/all-mp3-files-here
saymaakter@CIS106VirtualBox:~/lab6$ tree challenge-lab6/
challenge-lab6/
└── audio
    ├── acc
    │   └── all-acc-files-here
    └── mp3
        └── all-mp3-files-here

5 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ ▌
```

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  1/1 ˅   +    ⬚    ⬚                      Tilix: saymaakter@CIS106VirtualBox: ~/lab6

  1: saymaakter@CIS106VirtualBox: ~/lab6 ˅

        ├── acc
        │   └── all-acc-files-here
        └── mp3
            └── all-mp3-files-here
    └── docs
        ├── docx
        ├── pdf
        └── xls

9 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/docs/docx/all-docs-files-here/
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/docs/pdf/all-pdf-files-here/
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/docs/xls/all-xls-files-here/
saymaakter@CIS106VirtualBox:~/lab6$ tree challenge-lab6/
challenge-lab6/
├── audio
│   ├── acc
│   │   └── all-acc-files-here
│   └── mp3
│       └── all-mp3-files-here
└── docs
    ├── docx
    │   └── all-docs-files-here
    ├── pdf
    │   └── all-pdf-files-here
    └── xls
        └── all-xls-files-here

12 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ ▌
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 1: saymaakter@CIS106VirtualBox: ~/lab6 ∨

          └── xls
              └── all-xls-files-here

12 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/images/
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/images/{jpg,png}
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/images/jpg/all-jpg-files-here/
saymaakter@CIS106VirtualBox:~/lab6$ mkdir challenge-lab6/images/png/all-png-files-here/
saymaakter@CIS106VirtualBox:~/lab6$ tree challenge-lab6/
challenge-lab6/
├── audio
│   ├── acc
│   │   └── all-acc-files-here
│   └── mp3
│       └── all-mp3-files-here
├── docs
│   ├── docx
│   │   └── all-docs-files-here
│   ├── pdf
│   │   └── all-pdf-files-here
│   └── xls
│       └── all-xls-files-here
└── images
    ├── jpg
    │   └── all-jpg-files-here
    └── png
        └── all-png-files-here

17 directories, 0 files
saymaakter@CIS106VirtualBox:~/lab6$ ▌
```