NOTES 6

QUESTION 1

QUESTION 2

```
1/1 ∨   +   [:   ⊡               Tilix: prana2@cis106: ~                    Q   ☰   _  □  ⊗

1: prana2@cis106: ~ ∨                        □    ×   2: prana2@cis106: ~ ∨                        □   ×
prana2@cis106:~$ ls lab6/q2/*.??            prana2@cis106:~$ tree lab6/hidden-files/
lab6/q2/code.go  lab6/q2/code.js  lab6/q2/code lab6/hidden-files/
.py  lab6/q2/code.rb  lab6/q2/code.sh
prana2@cis106:~$ rm lab6/q2/*.??            0 directories, 0 files
prana2@cis106:~$ ls lab6/q2/T*.????         prana2@cis106:~$ ls lab6/q2
lab6/q2/Trip_doc.docx  lab6/q2/Trip_doc.pptx prana2@cis106:~$ tree lab6/q2
lab6/q2/Trip_doc.vsdx  lab6/q2/Trip_doc.xlsx lab6/q2
prana2@cis106:~$ rm lab6/q2/T*.????
prana2@cis106:~$ ls lab6/q2/[lr][aeiou]*[0-9]. 0 directories, 0 files
*                                           prana2@cis106:~$ □
lab6/q2/last_0.txt  lab6/q2/list_0.txt  lab6/q
2/lost_0.txt  lab6/q2/rest_0.txt
lab6/q2/last_1.txt  lab6/q2/list_1.txt  lab6/q
2/lost_1.txt  lab6/q2/rest_1.txt
lab6/q2/last_2.txt  lab6/q2/list_2.txt  lab6/q
2/lost_2.txt  lab6/q2/rust_0.txt
lab6/q2/last_3.txt  lab6/q2/list_3.txt  lab6/q
2/lost_3.txt  lab6/q2/rust_1.txt
prana2@cis106:~$ mkdir lab6/random
prana2@cis106:~$ mv lab6/q2/[lr][aeiou]*[0-9].
* lab6/random/
prana2@cis106:~$ □
```

QUESTION 3

```
1: prana2@cis106: ~  ∨                                          A⌶  □   ×

prana2@cis106:~$ mkdir -p lab6/wallpapers/ca
rs/{1080p,2k,4k}
prana2@cis106:~$ tree lab6
lab6
├── hidden-files
├── hiddent-files
├── log-files
├── q1
│   ├── access.log
│   ├── apache.log
│   ├── app.cfg
│   ├── error.log
│   ├── ftp.log
│   ├── fuse.conf
│   ├── game.cfg
│   ├── simple.cnf
│   ├── ssh.log
│   ├── sudo.conf
│   └── zebra.cnf
├── q2
├── q3
│   ├── _file0.old
│   ├── _file1.old
│   └── _file2.old
├── random
│   ├── last_0.txt
│   ├── last_1.txt
│   ├── last_2.txt
│   ├── last_3.txt
│   ├── list_0.txt
│   ├── list_1.txt
│   └── list_2.txt
```

```
32 directories, 55 files
prana2@cis106:~$ mkdir -p lab6/assets/{imgs/{large,small},video/{large,small}
prana2@cis106:~$ tree lab6
lab6
├── assets
│   ├── imgs
│   │   ├── large
│   │   │   └── video
│   │   │       ├── large
│   │   │       └── small
│   │   └── small
│   │       └── video
│   │           ├── large
│   │           └── small
```

/

```
                └── video
┌─────────────────────────────────────────────────────────────────────────┐
│  1: prana2@cis106: ~/lab6 ∨                                      □    ✕    │
├─────────────────────────────────────────────────────────────────────────┤
│ prana2@cis106:~/lab6$ touch -p docs/books/history/fall/book.pdf docs/bookss/hist│
│ ory/spring/book.pdf docs/books/math/2024/book.pdf docs/books/math/2025/book.pdf │
│ touch: invalid option -- 'p'                                              │
│ Try 'touch --help' for more information.                                 │
│ prana2@cis106:~/lab6$ touch docs/books/history/fall/book.pdf docs/bookss/history│
│ /spring/book.pdf docs/books/math/2024/book.pdf docs/books/math/2025/book.pdf    │
│ prana2@cis106:~/lab6$ tree docs                                          │
│ docs                                                                     │
│ ├── books                                                                │
│ │   ├── history                                                          │
│ │   │   └── fall                                                         │
│ │   │       └── book.pdf                                                 │
│ │   └── math                                                             │
│ │       ├── 2024                                                         │
│ │       │   └── book.pdf                                                 │
│ │       └── 2025                                                         │
│ │           └── book.pdf                                                 │
│ └── bookss                                                               │
│     └── history                                                          │
│         └── spring                                                       │
│             └── book.pdf                                                 │
│                                                                          │
│ 10 directories, 4 files                                                  │
│ prana2@cis106:~/lab6$ ▯                                                   │
└─────────────────────────────────────────────────────────────────────────┘
```

QUESTION 4

```
1/1 ∨    +    ⚞    ⚟              Tilix: prana2@cis106: ~              🔍   ☰   ⚊   ▢   ✕

1: prana2@cis106: ~ ∨                    ▢   ✕    2: prana2@cis106: ~ ∨                    ▢   ✕
prana2@cis106:~$ ls lab6/q2/*.??          prana2@cis106:~$ tree lab6/hidden-files/
lab6/q2/code.go  lab6/q2/code.js  lab6/q2/code  lab6/hidden-files/
.py  lab6/q2/code.rb  lab6/q2/code.sh
prana2@cis106:~$ rm lab6/q2/*.??          0 directories, 0 files
prana2@cis106:~$ ls lab6/q2/T*.????       prana2@cis106:~$ ls lab6/q2
lab6/q2/Trip_doc.docx  lab6/q2/Trip_doc.pptx   prana2@cis106:~$ tree lab6/q2
lab6/q2/Trip_doc.vsdx  lab6/q2/Trip_doc.xlsx   lab6/q2
prana2@cis106:~$ rm lab6/q2/T*.????
prana2@cis106:~$ ls lab6/q2/[lr][aeiou]*[0-9].  0 directories, 0 files
*                                          prana2@cis106:~$ ▯
lab6/q2/last_0.txt  lab6/q2/list_0.txt  lab6/q
2/lost_0.txt  lab6/q2/rest_0.txt
lab6/q2/last_1.txt  lab6/q2/list_1.txt  lab6/q
2/lost_1.txt  lab6/q2/rest_1.txt
lab6/q2/last_2.txt  lab6/q2/list_2.txt  lab6/q
2/lost_2.txt  lab6/q2/rust_0.txt
lab6/q2/last_3.txt  lab6/q2/list_3.txt  lab6/q
2/lost_3.txt  lab6/q2/rust_1.txt
prana2@cis106:~$ mkdir lab6/random
prana2@cis106:~$ mv lab6/q2/[lr][aeiou]*[0-9].
* lab6/random/
prana2@cis106:~$ ▯
```

CQ

```
1: prana2@cis106: ~ ∨                                              □    ×
track.wav
prana2@cis106:~$  mkdir -p challenge-lab6/{audio/{aac,mp3},docs/{docx,pdf,xls},images/{j
g,png}}
prana2@cis106:~$ touch challenge-lab6/audio/aac/all-aac-files-here
prana2@cis106:~$ touch challenge-lab6/audio/mp3/all-mp3-files-here
prana2@cis106:~$ touch challenge-lab6/docs/docx/all-docs-files-here
prana2@cis106:~$ touch challenge-lab6/docs/pdf/all-pdf-files-here
prana2@cis106:~$ touch challenge-lab6/docs/xls/all-xls-files-here
prana2@cis106:~$ touch challenge-lab6/images/jpg/all-jpg-files-here
prana2@cis106:~$ touch challenge-lab6/images/png/all-png-files-here
prana2@cis106:~$ tree challenge-lab6
challenge-lab6
├── audio
│   ├── aac
│   │   └── all-aac-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

11 directories, 7 files
prana2@cis106:~$
```

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