Lab 6

q1

q2

```
mahima-rana@cis106:~$ mkdir lab6/hidden-files/
mahima-rana@cis106:~$ cp -v lab6/q2/.??* lab6/hidden-files/
'lab6/q2/.code' -> 'lab6/hidden-files/.code'
'lab6/q2/.helper' -> 'lab6/hidden-files/.helper'
'lab6/q2/.index' -> 'lab6/hidden-files/.index'
'lab6/q2/.unit_test' -> 'lab6/hidden-files/.unit_test'
mahima-rana@cis106:~$ rm lab6/q2/*.??
mahima-rana@cis106:~$ rm  -v lab6/q2/*.???x
removed 'lab6/q2/Trip_doc.docx'
removed 'lab6/q2/Trip_doc.pptx'
removed 'lab6/q2/Trip_doc.vsdx'
removed 'lab6/q2/Trip_doc.xlsx'
mahima-rana@cis106:~$ mkdir lab6/random
mahima-rana@cis106:~$ mkdir lab6/^[[200~[lr][aeiou]*[0-9].*
mahima-rana@cis106:~$ mkdir lab6/q2/[lr][aeiou]*[0-9].* lab6/random/
mkdir: cannot create directory 'lab6/q2/last_0.txt': File exists
mkdir: cannot create directory 'lab6/q2/last_1.txt': File exists
mkdir: cannot create directory 'lab6/q2/last_2.txt': File exists
mkdir: cannot create directory 'lab6/q2/last_3.txt': File exists
mkdir: cannot create directory 'lab6/q2/list_0.txt': File exists
mkdir: cannot create directory 'lab6/q2/list_1.txt': File exists
mkdir: cannot create directory 'lab6/q2/list_2.txt': File exists
mkdir: cannot create directory 'lab6/q2/list_3.txt': File exists
mkdir: cannot create directory 'lab6/q2/lost_0.txt': File exists
mkdir: cannot create directory 'lab6/q2/lost_1.txt': File exists
mkdir: cannot create directory 'lab6/q2/lost_2.txt': File exists
mkdir: cannot create directory 'lab6/q2/lost_3.txt': File exists
mkdir: cannot create directory 'lab6/q2/rest_0.txt': File exists
mkdir: cannot create directory 'lab6/q2/rest_1.txt': File exists
mkdir: cannot create directory 'lab6/q2/rust_0.txt': File exists
mkdir: cannot create directory 'lab6/q2/rust_1.txt': File exists
mkdir: cannot create directory 'lab6/random/': File exists
mahima-rana@cis106:~$ lab6/random/
bash: lab6/random/: Is a directory
mahima-rana@cis106:~$ mv lab6/q2/[lr][aeiou]*[0-9].* lab6/random/
mahima-rana@cis106:~$ █
```

q3

```
mkdir: created directory 'lab6/docs/books/history'
mkdir: created directory 'lab6/docs/books/history/fall'
mkdir: created directory 'lab6/docs/books/history/spring'
mkdir: created directory 'lab6/docs/books/math'
mkdir: created directory 'lab6/docs/books/math/2024'
mkdir: created directory 'lab6/docs/books/math/2025'
mahima-rana@cis106:~$ touch lab6/docs/books/{history/{fall,spring},math/{2024,20
25}}/book.pdf
mahima-rana@cis106:~$ tree lab6/docs/
lab6/docs/
└── books
    ├── history
    │   ├── fall
    │   │   └── book.pdf
    │   └── spring
    │       └── book.pdf
    └── math
        ├── 2024
        │   └── book.pdf
        └── 2025
            └── book.pdf
```

```
mahima-rana@cis106:~$ mkdir -pv lab6/wallpapers/cars/{1080p,2k,4k}
mkdir: created directory 'lab6/wallpapers'
mkdir: created directory 'lab6/wallpapers/cars'
mkdir: created directory 'lab6/wallpapers/cars/1080p'
mkdir: created directory 'lab6/wallpapers/cars/2k'
mkdir: created directory 'lab6/wallpapers/cars/4k'
mahima-rana@cis106:~$ tree lab6/wallpapers/
lab6/wallpapers/
└── cars
    ├── 1080p
    ├── 2k
    └── 4k

5 directories, 0 files
mahima-rana@cis106:~$ cd /
mahima-rana@cis106:/$ touch ~/lab6/q3/{program.py,people.csv,data.xls}
mahima-rana@cis106:/$ rm ~/lab6/q3/_file{0..2}.old
mahima-rana@cis106:/$
```

```
mahima-rana@cis106:~$ tree lab6/q3/
lab6/q3/
├── data.xls
├── _file0.old
├── _file1.old
├── _file2.old
├── people.csv
└── program.py

1 directory, 6 files
mahima-rana@cis106:~$ tree lab6/q3/
lab6/q3/
├── data.xls
├── people.csv
└── program.py
```

```
mkdir: created directory 'lab6/assets/video'
mkdir: created directory 'lab6/assets/video/large'
mkdir: created directory 'lab6/assets/video/small'
mahima-rana@cis106:~$ tree lab6/assets/
lab6/assets/
├── imgs
│   ├── large
│   └── small
└── video
    ├── large
    └── small

7 directories, 0 files
mahima-rana@cis106:~$
```

q4 (challenge)


```
mahima-rana@cis106:~$ tree challenge-Lab6/
challenge-Lab6/
├── audio
│   ├── aac
│   │   ├── Breakers1.mp4
│   │   └── Sonicwings2.mp4
│   └── mp3
│       └── music.mp3
├── docs
│   ├── docx
│   │   └── file-sample_1MB.doc
│   ├── pdf
│   │   └── file-sample_150kB.pdf
│   └── xls
│       └── file-sample_100kB.odt
└── images
    ├── jpg
    │   └── 3ein.jpg
    └── png
        └── 1ein.png

11 directories, 8 files
mahima-rana@cis106:~$
```