

Lab 5 - managing files and dirs

Q1

```
mahima-rana@cis106:~$ pwd
/home/mahima-rana
mahima-rana@cis106:~$ mkdir lab5
mahima-rana@cis106:~$ mkdir -p lab5/q1.1/games/action
mahima-rana@cis106:~$ mkdir -p lab5/q1.1/games/fps
mahima-rana@cis106:~$ mkdir -p lab5/q1.1/games/rpg
mahima-rana@cis106:~$ touch lab5/q1.1/games/rpg/mod.py
mahima-rana@cis106:~$ touch lab5/q1.1/games/fps/fps_list.txt
mahima-rana@cis106:~$ touch lab5/q1.1/games/action/action_games.txt
mahima-rana@cis106:~$ tree lab5
lab5
├── q1.1
│   └── games
│       ├── action
│       │   └── action_games.txt
│       ├── fps
│       │   └── fps_list.txt
│       └── rpg
│           └── mod.py

```

6 directories, 3 files

```
mahima-rana@cis106:~$ ls -R lab5/
lab5/:
q1.1

lab5/q1.1:
games

lab5/q1.1/games:
action  fps  rpg

lab5/q1.1/games/action:
action_games.txt

lab5/q1.1/games/fps:
fps_list.txt
```

```
mahima-rana@cis106:~$ cd /etc/
mahima-rana@cis106:/etc$ mkdir -p ~/lab5/q1.2/hmw
mahima-rana@cis106:/etc$ mkdir -p ~/lab5/q1.2/notes
mahima-rana@cis106:/etc$ touch ~/lab5/q1.2/hmw/linux.txt ~/lab5/q1.2/notes/math.pdf
mahima-rana@cis106:/etc$ tree ~/lab5/
/home/mahima-rana/lab5/
├── q1.1
└── q1.2
    ├── hmw
    │   └── linux.txt
    └── notes
        └── math.pdf
```

```
├── games
│   ├── action
│   │   └── action_games.txt
│   ├── fps
│   │   └── fps_list.txt
│   └── rpg
│       └── mod.py
└── q1.2
    ├── hmw
    │   └── linux.txt
    └── notes
        └── math.pdf
```

9 directories, 5 files

```
mahima-rana@cis106:/etc$ ls -R ~/lab5/
/home/mahima-rana/lab5/:
q1.1 q1.2
```

```
/home/mahima-rana/lab5/q1.1:
```

```
games
```

```
/home/mahima-rana/lab5/q1.1/games:
```

```
action fps rpg
```

```
/home/mahima-rana/lab5/q1.1/games/action:
```

```
action_games.txt
```

```
/home/mahima-rana/lab5/q1.1/games/fps:
```

```
fps_list.txt
```

Q2

```
mahima-rana@cis106:/etc$ cd /srv/
mahima-rana@cis106:/srv$ rm ~/lab5/q1.2/hmw/linux.txt ~/lab5/q1.2/notes/math.pdf
mahima-rana@cis106:/srv$ cd
mahima-rana@cis106:~$ rm -r lab5/q1.1 lab5/q1.2
mahima-rana@cis106:~$
```

Q3

```

mahima-rana@cis106: ~
mahima-rana@cis106: ~
mahima-rana@cis106:~$ pwd
/home/mahima-rana
mahima-rana@cis106:~$ rm -r lab5/
mahima-rana@cis106:~$ wget https://cis106.com/assets/lab5/lab5.zip && unzip lab5
--2024-10-24 19:42:24-- https://cis106.com/assets/lab5/lab5.zip
Resolving cis106.com (cis106.com)... 185.199.108.153
Connecting to cis106.com (cis106.com)[185.199.108.153]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4301053 (4.1M) [application/zip]
Saving to: 'lab5.zip'

lab5.zip      100%[=====] 4.10M  --.-KB/s  in 0.1s

2024-10-24 19:42:25 (28.8 MB/s) - 'lab5.zip' saved [4301053/4301053]

Archive: lab5.zip
  creating: lab5/
  inflating: lab5/starwars3.wav
  inflating: lab5/sonicwings2.mp4
  inflating: lab5/breakers.mp4
  inflating: lab5/chess.jpg
  inflating: lab5/book.png
  inflating: lab5/readme.odt

'git comands.txt'
lab5-ing Public wildcard_practice
/home/mahima-rana/lab5:
/home/mahima-rana/lab5-video/:
breakers.mp4 sonicwings2.mp4
/home/mahima-rana/Pictures/NewWallpapers/:
bookstore.jpg courage.jpg rokyo.jpg

lab5-audio/:
robot.ogg starwars3.wav

mahima-rana@cis106:~$ ls -lx lab5
book.png breakers.mp4 chess.jpg project.docx readme.odt
robot.ogg sonicwings2.mp4 starwars3.wav wallpapersLab5
mahima-rana@cis106:~$ ls lab5/ing/
ls: cannot access 'lab5/ing/': No such file or directory
mahima-rana@cis106:~$ ls lab5.ing/
book.png chess.jpg
mahima-rana@cis106:~$ ls -dl ~/*/
/home/mahima-rana/cis106/
/home/mahima-rana/Desktop/
/home/mahima-rana/Documents/
/home/mahima-rana/lab4files/
/home/mahima-rana/lab5.audio/
/home/mahima-rana/lab5.video/
/home/mahima-rana/Music/
/home/mahima-rana/Public/
/home/mahima-rana/scripts/
/home/mahima-rana/Videos/
/home/mahima-rana/wildcard_practice/
mahima-rana@cis106:~$

```

Q4

```

mahima-rana@cis106: ~
mahima-rana@cis106:~$ mkdir ~/Pictures/labswallpapers
mahima-rana@cis106:~$ cp ~/Downloads/pexels-pixabay-36762.jpg ~/Downloads/pexels
-pixabay-50594.jpg ~/Downloads/pexels-samandgos-709552.jpg ~/Pictures/labswallpa
pers/
mahima-rana@cis106:~$ cp ~/Pictures/labswallpapers/ ~/Downloads/
cp: -r not specified; omitting directory '/home/mahima-rana/Pictures/labswallpap
ers/'
mahima-rana@cis106:~$ cp -r ~/Pictures/labswallpapers/ ~/Downloads/
mahima-rana@cis106:~$

mahima-rana@cis106:~$ ls ~/Downloads/
pexels-pixabay-36762.jpg pexels-pixabay-50594.jpg pexels-samandgos-709552.jpg
mahima-rana@cis106:~$ ls ~/Pictures/
labswallpapers
mahima-rana@cis106:~$

```

Q5 (Challenege)

```
mahima-rana@cis106:~$ ls Downloads
code_1.94.2-1728494015_amd64.deb  image2.jpg  labswallpapers  sample1.pdf
image1.jpg                        image3.jpg  sample1.doc     sample1.xls
mahima-rana@cis106:~$ mv Downloads/image1.jpg ~/website-lab5/img1.jpg
bash: mv: Downloads/image1.jpg: No such file or directory
mahima-rana@cis106:~$ mv ~/Downloads/image1.jpg ~/website-lab5/img1.jpg
mahima-rana@cis106:~$ mv ~/Downloads/image2.jpg ~/website-lab5/img2.jpg
mahima-rana@cis106:~$ mv ~/Downloads/image3.jpg ~/website-lab5/img3.jpg
mahima-rana@cis106:~$ ls ~/website-lab5
img1.jpg  img2.jpg  img3.jpg  index.html
mahima-rana@cis106:~$
```

