

# Lab 5 - Managing and dirs

## Q1

```
edison@cis106: ~  
edison@cis106:~$ mkdir lab5  
edison@cis106:~$ mkdir -p lab5/q1.1/games/action/  
edison@cis106:~$ mkdir lab5/q1.1/games/fps/  
edison@cis106:~$ mkdir lab5/q1.1/games/rpg/  
edison@cis106:~$ touch lab5/q1.1/games/action/action_games.txt  
edison@cis106:~$ touch lab5/q1.1/games/fps/fps_list.txt  
edison@cis106:~$ touch lab5/q1.1/games/rpg/mods.py  
edison@cis106:~$ tree lab5/  
lab5/  
├── q1.1  
│   └── games  
│       ├── action  
│       │   └── action_games.txt  
│       ├── fps  
│       │   └── fps_list.txt  
│       └── rpg  
│           └── mods.py  
  
6 directories, 3 files  
edison@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  
  
lab5/q1.1/games/rpg:  
mods.py  
edison@cis106:~$
```

```
1: edison@cis106: /etc ▾ AI □
edison@cis106:~$ cd /etc/
edison@cis106:/etc$ mkdir -p ~/lab5/q1.2/hmw
mkdir: invalid option -- '/'
Try 'mkdir --help' for more information.
edison@cis106:/etc$ mkdir -p ~/lab5/q1.2/hmw
edison@cis106:/etc$ mkdir -p ~/lab5/q1.2/notes
edison@cis106:/etc$ touch ~/lab5/q1.2/hmw/linux.txt
edison@cis106:/etc$ touch ~/lab5/q1.2/notes/math.pdf
edison@cis106:/etc$ tree ~/lab5/
/home/edison/lab5/
├── q1.1
│   └── games
│       ├── action
│       │   └── action_games.txt
│       ├── fps
│       │   └── fps_list.txt
│       └── rpg
│           └── mods.py
└── q1.2
    ├── hmw
    │   └── linux.txt
    └── notes
        └── math.pdf

9 directories, 5 files
edison@cis106:/etc$ ls -R ~/lab5/
/home/edison/lab5/:
q1.1 q1.2
```

```
9 directories, 5 files
edison@cis106:/etc$ ls -R ~/lab5/
/home/edison/lab5/:
q1.1 q1.2

/home/edison/lab5/q1.1:
games

/home/edison/lab5/q1.1/games:
action fps rpg

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

/home/edison/lab5/q1.1/games/fps:
fps_list.txt

/home/edison/lab5/q1.1/games/rpg:
mods.py

/home/edison/lab5/q1.2:
hmw notes

/home/edison/lab5/q1.2/hmw:
linux.txt

/home/edison/lab5/q1.2/notes:
```

math.pdf

Q2

```
Mar 30 22:52
1/1 v + [?] [?]
Tilix: edison@cis106: ~
1: edison@cis106: ~ v
edison@cis106:/etc$ cd /srv/
edison@cis106:/srv$ tree ~/lab5/
/home/edison/lab5/
├── q1.1
│   └── games
│       ├── action
│       │   └── action_games.txt
│       ├── fps
│       │   └── fps_list.txt
│       └── rpg
│           └── mods.py
└── q1.2
    ├── hmw
    │   └── linux.txt
    └── notes
        └── math.pdf

9 directories, 5 files
edison@cis106:/srv$ rm ~/lab5/q1.2/hmw/linux.txt
edison@cis106:/srv$ rm ~/lab5/q1.2/notes/math.pdf
edison@cis106:/srv$ cd
edison@cis106:~$ rm -r ~/lab5/q1.1 ~/lab5/q1.2/
edison@cis106:~$ ls lab5/
edison@cis106:~$
```

Q3

```

Mar 31 01:00
Tilix: edison@cis106: ~

1: edison@cis106: ~
edison@cis106:~$ pwd
/home/edison
edison@cis106:~$ rm -r lab5/
rm: cannot remove 'lab5/': No such file or directory
edison@cis106:~$ wget https://cis106.com/assets/lab5/lab5.zip && unzip lab5.zip && rm lab5.zip.
--2025-03-31 00:24:04-- 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  7.78MB/s   in 0.5s

2025-03-31 00:24:05 (7.78 MB/s) - 'lab5.zip' saved [4301053/4301053]

2: edison@cis106: ~
edison@cis106:~$ mkdir lab5-img lab5-audio lab5-video lab5-doc
edison@cis106:~$ mv lab5/proyect.docx lab5/readme.odt lab5-doc/
mv: cannot stat 'lab5/proyect.docx': No such file or directory
edison@cis106:~$ mv lab5/project.docx lab5/readme.odt lab5-doc/
mv: cannot stat 'lab5/readme.odt': No such file or directory
edison@cis106:~$ mv lab5/book.png lab5/chess.jpg lab5-img/
edison@cis106:~$ mv lab5/breakers.mp4 lab5/sonicwings2.mp4 lab5-video/
edison@cis106:~$ mv lab5/starwars3.wav lab5/robot.ogg lab5-audio/
edison@cis106:~$ mv lab5/wallpapersLab5/ Pictures/NewWallpapers
edison@cis106:~$

3: edison@cis106: ~
edison@cis106:~$ ls -lX lab5
wallpapersLab5
project.docx
chess.jpg
breakers.mp4
sonicwings2.mp4
readme.odt
robot.ogg
book.png
starwars3.wav
edison@cis106:~$ file lab5/robot.ogg
lab5/robot.ogg: Ogg data, Vorbis audio, stereo, 44100 Hz, ~160000 bps, created by: Xiph.Org libVorbis I
edison@cis106:~$ ls lab5-img/
edison@cis106:~$

4: edison@cis106: ~
/home/edison/Pictures/NewWallpapers/:
bookstore.jpg  courage.jpg  rokyo.jpg
edison@cis106:~$ rm -r ~/lab5 ~/lab5-video ~/lab5-audio ~/lab5-doc ~/lab5-img ~/Pictures/NewWallpapers/
edison@cis106:~$ ls -d1 -/*/
ls: invalid option -- '/'
Try 'ls --help' for more information.
edison@cis106:~$ ls -d1 -/*/
/home/edison/cis106/
/home/edison/lab4files/
/home/edison/Music/
/home/edison/Pictures/
/home/edison/Scripts/
/home/edison/Templates/
edison@cis106:~$

```

## Q4

```

Mar 31 09:49
Tilix: edison@cis106: ~

edison@cis106:~$ cp ~/Downloads/pexels-erik-karits-2093459-19233292.jpg ~/Downloads/pexels-pixabay-259915.jpg ~/Downloads/pexels-optical-chemist-340351297-31225233.jpg/ ~/Pictures/lab5wallpaper/
cp: target '/home/edison/Pictures/lab5wallpaper/': No such file or directory
edison@cis106:~$ cp ~/Downloads/pexels-erik-karits-2093459-19233292.jpg ~/Downloads/pexels-pixabay-259915.jpg ~/Downloads/pexels-optical-chemist-340351297-31225233.jpg/ ~/Pictures/lab5wallpapers/
cp: cannot stat '/home/edison/Downloads/pexels-optical-chemist-340351297-31225233.jpg/': Not a directory
edison@cis106:~$ cp ~/Downloads/pexels-erik-karits-2093459-19233292.jpg ~/Downloads/pexels-pixabay-259915.jpg ~/Downloads/pexels-optical-chemist-340351297-31225233.jpg/ ~/Pictures/lab5wallpaper/
cp: target '/home/edison/Pictures/lab5wallpaper/': No such file or directory
edison@cis106:~$ cp ~/Downloads/pexels-pixabay-371570.jpg ~/Pictures/lab5wallpapers
edison@cis106:~$ cp -r ~/Pictures/lab5wallpapers/ ~/Downloads/
cp: cannot stat '-r': No such file or directory
cp: -r not specified; omitting directory '/home/edison/Pictures/lab5wallpapers/'
edison@cis106:~$ cp -r ~/Pictures/lab5wallpapers/ ~/Downloads/
edison@cis106:~$

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

edison@cis106:~$ ls ~/Downloads/
pexels-erik-karits-2093459-19233292.jpg  pexels-pixabay-259915.jpg
pexels-optical-chemist-340351297-31225233.jpg
edison@cis106:~$ cp ~/Downloads/pexels-optical-chemist-340351297-31225233.jpg/ ~/Pictures/lab5wallpaper
cp: cannot stat '/home/edison/Downloads/pexels-optical-chemist-340351297-31225233.jpg/': Not a directory
edison@cis106:~$ ls ~/Downloads/
pexels-erik-karits-2093459-19233292.jpg  pexels-pixabay-371570.jpg
pexels-pixabay-259915.jpg
edison@cis106:~$ ls ~/Pictures/
animals  lab5wallpapers  NewWallpapers  wallpapers
edison@cis106:~$

```

## Q5 (Challenge)





