

Lab 5 - Managing Files and Directories

Q1

```
1/1 + [T] [C] Tilix: ad@cis106: ~ Q ≡
1: ad@cis106: ~ ▾
ad@cis106:~$ pwd
/home/ad
ad@cis106:~$ mkdir lab5
ad@cis106:~$ mkdir -p lab5/q1.1/games/action
ad@cis106:~$ mkdir -p lab5/q1.1/games/fps
ad@cis106:~$ mkdir -p lab5/q1.1/games/rpg
ad@cis106:~$ touch lab5/q1.1/games/rpg/mods.py
ad@cis106:~$ touch lab5/q1.1/games/fps/fps_list.txt
ad@cis106:~$ touch lab5/q1.1/games/action/action_games.txt
ad@cis106:~$ tree lab5
lab5
├── q1.1
│   └── games
│       ├── action
│       │   └── action_games.txt
│       ├── fps
│       │   └── fps_list.txt
│       └── rpg
│           └── mods.py
6 directories, 3 files
ad@cis106:~$ █
```

```
1: ad@cis106: /etc ▾

ad@cis106:~$ cd /etc/
ad@cis106:/etc$ mkdir -p ~/lab5/q1.2/hw
ad@cis106:/etc$ mkdir -p ~/lab5/q1.2/notes
ad@cis106:/etc$ touch ~/lab5/q1.2/hw/linux.txt ~/lab5/notesmath.pdf
ad@cis106:/etc$ tree ~/labs/
/home/ad/labs/ [error opening dir]

0 directories, 0 files
ad@cis106:/etc$ tree ~/lab5/
/home/ad/lab5/
├── notesmath.pdf
├── q1.1
│   ├── games
│   │   ├── action
│   │   │   └── action_games.txt
│   │   ├── fps
│   │   │   └── fps_list.txt
│   │   └── rpg
│   │       └── mods.py
└── q1.2
    ├── hw
    │   └── linux.txt
    └── notes

9 directories, 5 files
ad@cis106:/etc$ █
```

Q2

```
1: ad@cis106: ~ ▾

ad@cis106:/etc$ cd /srv/
ad@cis106:/srv$ rm ~/lab5/q1.2/hw/linux.txt ~/lab5/q1.2/notes/math.pdf
ad@cis106:/srv$ cd
ad@cis106:~$ rm -r lab5/q1.1 lab5/q1.2
rm: cannot remove 'lab5/q1.1': No such file or directory
ad@cis106:~$ rm -r lab5/q1.2
rm: cannot remove 'lab5/q1.2': No such file or directory
ad@cis106:~$ █
```

Q3

```

1: ad@cis106: ~
ad@cis106:~$ pwd
/home/ad
ad@cis106:~$ rm -r lab5/
ad@cis106:~$ wget https://cis106.com/assets/lab5/lab5.zip && unzip l
ab5.zip && rm lab5.zip
--2025-04-04 02:44:23-- 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... connec
ted.
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

2025-04-04 02:44:23 (33.5 MB/s) - 'lab5.zip' saved [4301053/4301053]

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

2: ad@cis106: ~
ad@cis106:~$ mv lab5/project.docx lab5/readme.odt lab5/-doc/
mv: target 'lab5/-doc/': No such file or directory
ad@cis106:~$ mv lab5/book.png lab5/chess.jpg lab5/-img
mv: target 'lab5/-img': No such file or directory
ad@cis106:~$ mv lab5/breakers.mp4 lab5/sonicwings2.mp4 lab5-video/
ad@cis106:~$ mv lab5/starwars3.wav lab5/robot.ogg lab5-audio/
ad@cis106:~$ mv lab5/book.png lab5/chess.jpg lab5-img/
mv: target 'lab5-img/': No such file or directory
ad@cis106:~$ mv lab5/wallpapersLab5/pictures/NewWallpapers
mv: missing destination file operand after 'lab5/wallpapersLab5/pict
ures/NewWallpapers'
Try 'mv --help' for more information.
ad@cis106:~$ mv lab5/wallpapersLab5/ Pictures/NewWallpapers
ad@cis106:~$

4: ad@cis106: ~
/home/ad/aileendelgado21/
/home/ad/cis106/
/home/ad/Desktop/
/home/ad/Documents/
/home/ad/Downloads/
/home/ad/GAMES/
/home/ad/lab4files/
/home/ad/lab5-audio/
/home/ad/lab5-image/
/home/ad/Music/
/home/ad/Pictures/
/home/ad/practicels/
/home/ad/Public/
/home/ad/Scripts/
/home/ad/snap/
/home/ad/Templates/
/home/ad/Videos/
ad@cis106:~$

```

Q4

```

1: ad@cis106: ~
ad@cis106:~$ mkdir ~/Pictures/lab5wallpapers
ad@cis106:~$ cp ~/Do
Documents/ Downloads/
ad@cis106:~$ cp ~/Downloads/pexels-pixabay-326055.jpg ~/Downloads/pexels-pixabay-33045.jpg ~/Downloads/pexels-eberhardgross-443446.jpg ~/P
ictures/lab5wallpapers/
cp: cannot stat '/home/ad/Downloads/pexels-pixabay-326055.jpg': No such file or directory
ad@cis106:~$ cp ~/Downloads/pexels-pixabay-326055.jpg ~/Pictures/lab5NewWallpapers
ad@cis106:~$ cp -r ~/Pictures/lab5wallpapers/ ~/Downloads/
ad@cis106:~$

2: ad@cis106: ~
ad@cis106:~$ ls ~/Downloads/
games                pexels-pixabay-326055.jpg  thunderbird.tmp
pexels-eberhardgross-443446.jpg  pexels-pixabay-33045.jpg
ad@cis106:~$ ls ~/Downloads/
games                pexels-pixabay-33045.jpg
pexels-eberhardgross-443446.jpg  thunderbird.tmp
pexels-pixabay-326055.jpg
ad@cis106:~$

```

Q5 (Challenge Question)

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1/1 + [ ] [ ] Tilix: ad@cis106: ~
1: ad@cis106: ~
ad@cis106:~$ cd $HOME && wget https://cis106.com/assets/lab5/website-lab5.zip && unzip website-lab5.zip && rm website-lab5.zip
--2025-04-04 03:34:46-- https://cis106.com/assets/lab5/website-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: 1326 (1.3K) [application/zip]
Saving to: 'website-lab5.zip'

website-lab5.zip  100%[=====]  1.29K  --.-KB/s   in 0s

2025-04-04 03:34:46 (150 MB/s) - 'website-lab5.zip' saved [1326/1326]

Archive: website-lab5.zip
creating: website-lab5/
inflating: website-lab5/index.html
ad@cis106:~$ mv Downloads/pexels-christian-heitz-285904-842711.jpg ~/website-lab5/img1.jpg/
mv: cannot move 'Downloads/pexels-christian-heitz-285904-842711.jpg' to '/home/ad/website-lab5/img1.jpg/': Not a directory
ad@cis106:~$ mv Downloads/pexels-christian-heitz-285904-842711.jpg website-lab5/img1.jpg
ad@cis106:~$ mv Downloads/pexels-pixabay-60597.jpg ~/website-lab5/img2.jpg/
ad@cis106:~$ mv mv Downloads/pexels-pixabay-60597.jpg website-lab5/img2.jpg
mv: target 'website-lab5/img2.jpg': No such file or directory
ad@cis106:~$ mv Downloads/pexels-pixabay-60597.jpg website-lab5/img2.jpg
ad@cis106:~$ mv Downloads/pexels-pixabay-33109.jpg website-lab5/img3.jpg
ad@cis106:~$ ls -lx website-lab5/
img1.jpg  img2.jpg  img3.jpg  index.html
ad@cis106:~$ xdg-open website-lab5/index.html
ad@cis106:~$ Gtk-Message: 04:05:46.837: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not
load it.
ad@cis106:~$ █
```

