

# Lab 5 - managing files and dirs

## Q1

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

6 directories, 3 files  
jgomez@cis106:~\$

```
1:jgomez@cis106: /etc  
jgomez@cis106:/etc$ mkdir -p ~/lab5/q1.2/hmw  
jgomez@cis106:/etc$ mkdir -p ~/lab5/q1.2/notes  
jgomez@cis106:/etc$ touch ~/lab5/q1.2/hmw/linux.tct ~/lab5/q1.2/notes/math.pdf  
jgomez@cis106:/etc$ touch ~/lab5/q1.2/hmw/linux.txt  
jgomez@cis106:/etc$ rm ~/lab5/q1.2/hmw/linux.tct  
jgomez@cis106:/etc$ tree ~/lab5/  
/home/jgomez/lab5/  
├── q1.1  
│   └── games  
│       ├── action  
│       │   └── action_games.txt  
│       ├── fps  
│       │   └── fps_list.txt  
│       └── rpg  
│           └── mod.py  
└── q1.1.png
```

```
2:jgomez@cis106: ~  
jgomez@cis106:~$ tree ~/lab5/  
/home/jgomez/lab5/  
├── q1.1  
│   └── games  
│       ├── action  
│       │   └── action_games.txt  
│       ├── fps  
│       │   └── fps_list.txt  
│       └── rpg  
│           └── mod.py  
└── q1.2  
    ├── hmw  
    │   └── linux.txt  
    └── notes  
        └── math.pdf
```

9 directories, 5 files  
jgomez@cis106:~\$

## Q2

```
1:jgomez@cis106: ~ ▾  
  
jgomez@cis106:/etc$ cd /srv/  
jgomez@cis106:/srv$ tree ~/lab5/  
/home/jgomez/lab5/  
├── q1.1  
│   └── games  
│       ├── action  
│       │   └── action_games.txt  
│       ├── fps  
│       │   └── fps_list.txt  
│       └── rpg  
│           └── mod.py  
└── q1.2  
    ├── hmw  
    │   └── linux.txt  
    └── notes  
        └── math.pdf  
  
9 directories, 5 files  
jgomez@cis106:/srv$ rm ~/lab5/q1.2/hmw/linux.txt  
jgomez@cis106:/srv$ rm ~/lab5/q1.2/notes/math.pdf  
jgomez@cis106:/srv$ cd  
jgomez@cis106:~$ rm -r ~/lab5/q1.1 ~/lab5/q1.2/  
jgomez@cis106:~$ ls lab5/  
jgomez@cis106:~$
```

Q3

1:jgomez@cis106: ~

```
jgomez@cis106:~$ cd
jgomez@cis106:~$ rm -r lab5/
jgomez@cis106:~$ wget https://cis106.com/assets/lab5/lab5.zip && unzip lab5.zip && rm lab5.zip
--2024-10-31 22:44:28-- 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  1.23MB/s   in 3.3s

2024-10-31 22:44:34 (1.23 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
  inflating: lab5/project.docx
  inflating: lab5/robot.ogg
  creating: lab5/wallpapersLab5/
  inflating: lab5/wallpapersLab5/bookstore.jpg
  inflating: lab5/wallpapersLab5/courage.jpg
  inflating: lab5/wallpapersLab5/rokyo.jpg
```

3:jgomez@cis106: ~

```
jgomez@cis106:~$ ls -lX lab5
wallpapersLab5
project.docx
chess.jpg
breakers.mp4
sonicwings2.mp4
readme.odt
robot.ogg
book.png
starwars3.wav
jgomez@cis106:~$
```

2:jgomez@cis106: ~

```
jgomez@cis106:~$ mkdir lab5-img lab5-audio lab5-video lab5
-doc
jgomez@cis106:~$ mv lab5/project.docx lab5/readme.odt lab5
-doc/
jgomez@cis106:~$ mv lab5/chess.jpg lab5/book.png lab5-img/
jgomez@cis106:~$ mv lab5/robot.ogg lab5/starwars3.wav lab5
-audio/
jgomez@cis106:~$ mv lab5/wallpapersLab5/ Pictures/NewWallp
apers lab5-audio/
jgomez@cis106:~$ mv lab5/wallpapersLab5/ Pictures/NewWallp
apers
jgomez@cis106:~$
```

... omez@cis106: ~

```
jgomez@cis106:~$ ms lab5-au
dio/wallpapersLab5/ ../
ms: command not found
jgomez@cis106:~$ mv lab5-au
dio/wallpapersLab5/ ../
mv: cannot move 'lab5-audio
/wallpapersLab5/' to '../wa
llpapersLab5': Permission d
enied
jgomez@cis106:~$ mv lab5-au
dio/wallpapersLab5/ lab5/
jgomez@cis106:~$
```

... cis106: ~

```
jgomez@cis106:~$ ls -l ~/lab5 ~/lab5-video/
~/lab5-audio/ ~/lab5-doc/ ~/lab5-img/ ~/
Pictures/NewWallpapers/
/home/jgomez/lab5:
breakers.mp4  sonicwings2.mp4

/home/jgomez/lab5-audio/:
robot.ogg  starwars3.wav

/home/jgomez/lab5-doc/:
project.docx  readme.odt

/home/jgomez/lab5-img/:
book.png  chess.jpg

/home/jgomez/lab5-video/:

/home/jgomez/Pictures/NewWallpapers/:
bookstore.jpg  courage.jpg  rokyo.jpg
jgomez@cis106:~$
```

... cis106: ~

```
jgomez@cis106:~$ ls -d1 ~/
~/
~/Pictures/
~/Pictures/lab5wallpapers/
/home/jgomez/bobsburgers/
/home/jgomez/cis106/
/home/jgomez/desktop/
/home/jgomez/documents/
/home/jgomez/downloads/
/home/jgomez/lab4files/
/home/jgomez/music/
/home/jgomez/pictures/
/home/jgomez/practice/
/home/jgomez/practicals/
/home/jgomez/public/
/home/jgomez/scripts/
/home/jgomez/snap/
/home/jgomez/templates/
/home/jgomez/videos/
jgomez@cis106:~$
```

Q4

Tilix: jgomez@cis106: ~

1:jgomez@cis106: ~

```
jgomez@cis106:~$ ls ~/Downloads/

docs                Pastedimage.png
exels-iriser-1366957.jpg  Project
lab4_script.sh         pexels-eberhardgross-443446.jpg  p
exels-pixabay-33109.jpg  schoolWork
jgomez@cis106:~$ ls ~/Pictures/
lab5wallpapers  Screenshots
jgomez@cis106:~$
```

2:jgomez@cis106: ~

```
jgomez@cis106:~$ mkdir ~/Pictures/lab5wallpapers
jgomez@cis106:~$ cp ~/Downloads/pexels-pixabay-33109.jpg ~/Downloads/pexels-iriser-136695
7.jpg ~/Downloads/pexels-eberhardgross-443446.jpg ~/Pictures/lab5wallpapers/
jgomez@cis106:~$ cp -r ~/Pictures/lab5wallpapers/ ~/Downloads/
jgomez@cis106:~$
```

Q5 (challenge)

```
1: jgomez@cis106: ~  
jgomez@cis106:~$ ^[[200~cd $HOME && wget https://cis106.com/assets/lab5/website-lab5.zip && unzip website-lab5.zip && rm website-lab5.zip  
cd: command not found  
jgomez@cis106:~$ cd $HOME && wget https://cis106.com/assets/lab5/website-lab5.zip && unzip website-lab5.zip && rm website-lab5.zip  
--2024-10-31 23:33:17-- 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  
  
2024-10-31 23:33:19 (46.3 MB/s) - 'website-lab5.zip' saved [1326/1326]  
  
Archive: website-lab5.zip  
creating: website-lab5/  
inflating: website-lab5/index.html  
jgomez@cis106:~$ mv ~/Downloads/pexels-carlos-oliva-1966452-3586966.jpg ~/website-lab5/img1.jpg  
jgomez@cis106:~$ mv ~/Downloads/pexels-felixmittermeier-956981.jpg ~/website-lab5/img2.jpg  
jgomez@cis106:~$ mv ~/Downloads/pexels-veeterzy-39811.jpg ~/website-lab5/img3.jpg  
jgomez@cis106:~$ ls -1X website-lab5/  
index.html  
img1.jpg  
img2.jpg  
img3.jpg  
jgomez@cis106:~$  
  
2: jgomez@cis106: ~  
jgomez@cis106:~$ ls ~/Downloads/  
docs  
lab4_script.sh  
lab5wallpapers  
Pastedimage.png  
pexels-carlos-oliva-1966452-3586966.jpg  
pexels-felixmittermeier-956981.jpg  
pexels-veeterzy-39811.jpg  
Project  
schoolWork  
jgomez@cis106:~$
```

```
View Assessment x Responsive Slideshow x +  
file:///home/jgomez/website-lab5/index.html
```



