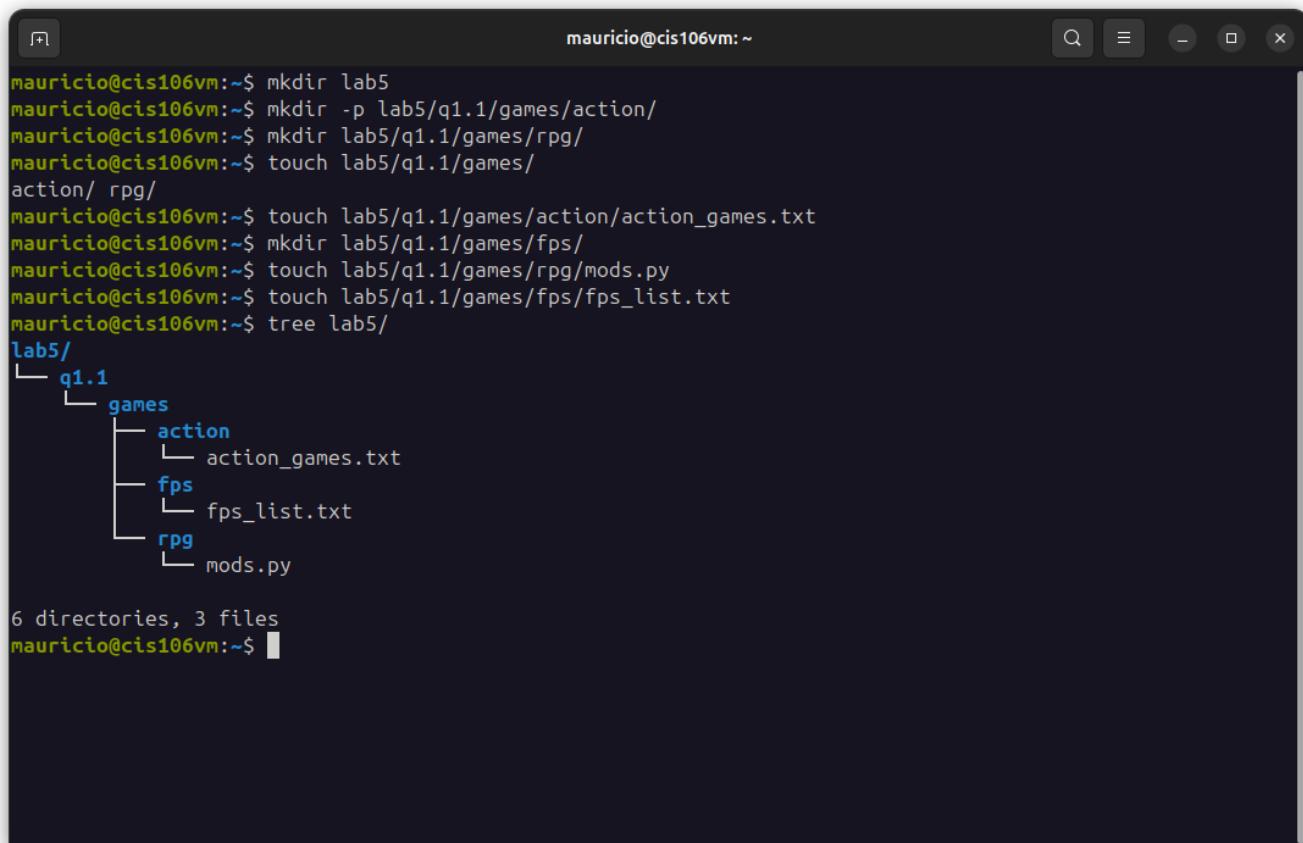


Lab 5 Submission

Question 1.1: Creating Files and Directories - Part 1 & Part 2

Part 1



```
mauricio@cis106vm:~$ mkdir lab5
mauricio@cis106vm:~$ mkdir -p lab5/q1.1/games/action/
mauricio@cis106vm:~$ mkdir lab5/q1.1/games/rpg/
mauricio@cis106vm:~$ touch lab5/q1.1/games/
action/ rpg/
mauricio@cis106vm:~$ touch lab5/q1.1/games/action/action_games.txt
mauricio@cis106vm:~$ mkdir lab5/q1.1/games/fps/
mauricio@cis106vm:~$ touch lab5/q1.1/games/rpg/mods.py
mauricio@cis106vm:~$ touch lab5/q1.1/games/fps/fps_list.txt
mauricio@cis106vm:~$ tree lab5/
lab5/
└── q1.1
    └── games
        ├── action
        │   └── action_games.txt
        ├── fps
        │   └── fps_list.txt
        └── rpg
            └── mods.py

6 directories, 3 files
mauricio@cis106vm:~$
```

Part 2

```
mauricio@cis106vm:~$ cd /etc
mauricio@cis106vm:/etc$ mkdir -p ~/lab5/q1.2/hmw
mauricio@cis106vm:/etc$ mkdir ~/lab5/q1.2/notes
mauricio@cis106vm:/etc$ touch ~/lab5/q1.2/hmw/linux.txt
mauricio@cis106vm:/etc$ touch ~/lab5/q1.2/notes/math.pdf
mauricio@cis106vm:/etc$ tree ~/lab5/
/home/mauricio/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
mauricio@cis106vm:/etc$ ls -R ~/lab5/
/home/mauricio/lab5/:
q1.1 q1.2

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

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

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

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

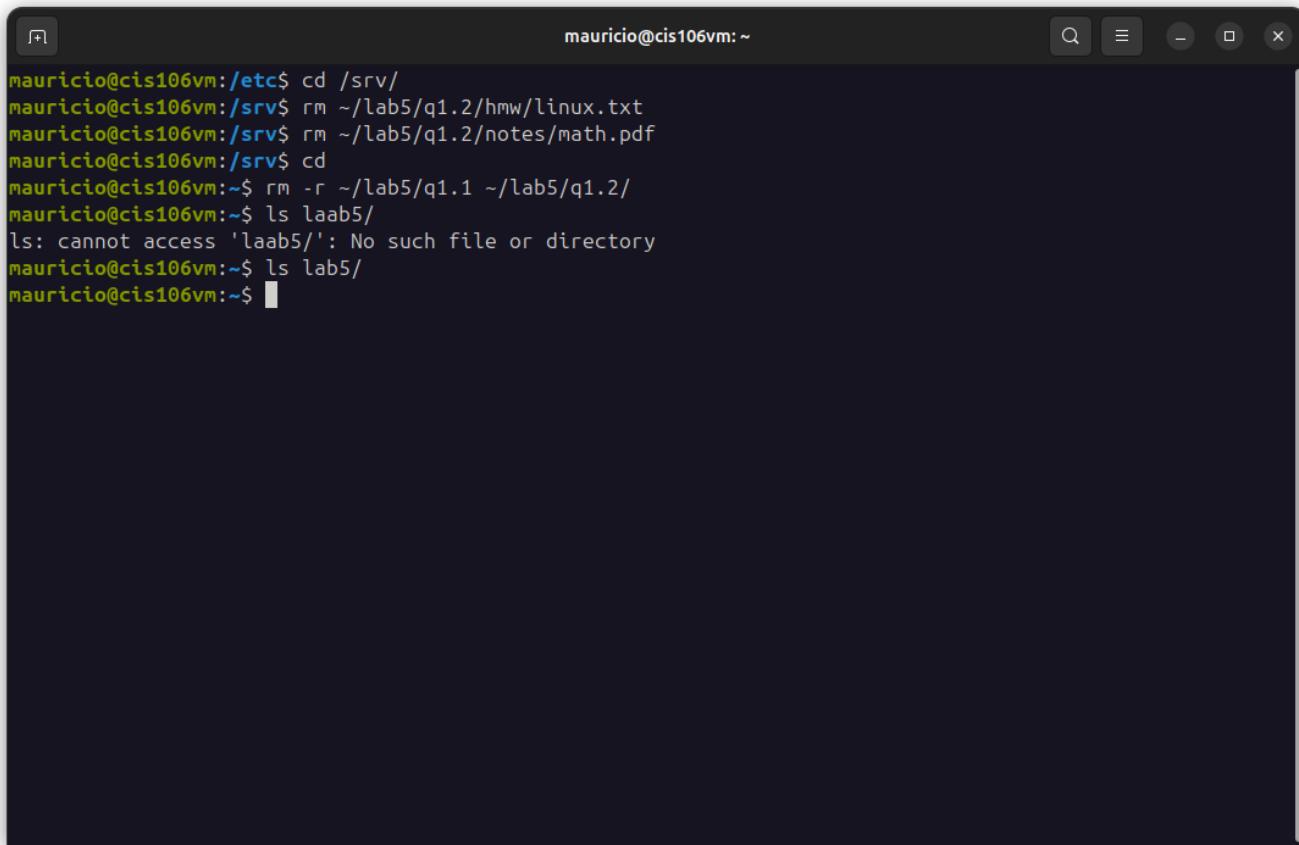
/home/mauricio/lab5/q1.1/games/rpg:
mods.py

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

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

/home/mauricio/lab5/q1.2/notes:
math.pdf
mauricio@cis106vm:/etc$
```

Question 2: Removing Files and Directories



A screenshot of a terminal window titled "mauricio@cis106vm: ~". The terminal shows the following command history:

```
mauricio@cis106vm:/etc$ cd /srv/
mauricio@cis106vm:/srv$ rm ~/lab5/q1.2/hmw/linux.txt
mauricio@cis106vm:/srv$ rm ~/lab5/q1.2/notes/math.pdf
mauricio@cis106vm:/srv$ cd
mauricio@cis106vm:~$ rm -r ~/lab5/q1.1 ~/lab5/q1.2/
mauricio@cis106vm:~$ ls laab5/
ls: cannot access 'laab5/': No such file or directory
mauricio@cis106vm:~$ ls lab5/
mauricio@cis106vm:~$
```

Question 3: Moving Files and Directories

```

1/1 + 2: mauricio@cis106vm:~ Tiliix: mauricio@cis106vm:~
1: mauricio@cis106vm:~ ~
mauricio@cis106vm:~$ wget https://cis106.com/assets/lab5/lab5.zip && unzip lab5.zip && rm lab5.zip
--2025-04-02 22:19:02-- 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 13.6MB/s   in 0.3s
=====
2025-04-02 22:19:03 (13.6 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
mauricio@cis106vm:~$ mkdir lab5-img lab5-audio lab5-video lab5-doc
mkdir: cannot create directory 'lab5-img': File exists
mkdir: cannot create directory 'lab5-audio': File exists
mkdir: cannot create directory 'lab5-video': File exists
mkdir: cannot create directory 'lab5-doc': File exists
mauricio@cis106vm:~$ mkdir lab5-img lab5-audio lab5-video lab5-doc
mauricio@cis106vm:~$ ls lab5-img lab5-audio lab5-video lab5-doc
2: mauricio@cis106vm:~ ~
mauricio@cis106vm:~$ ls -1X lab5/
wallpapersLab5
project.docx
chess.jpg
breakers.mp4
sonicwings2.mp4
readme.odt
robot.ogg
book.png
starwars3.wav
mauricio@cis106vm:~$ 

3: mauricio@cis106vm:~ ~
mauricio@cis106vm:~$ mv lab5/project.docx lab5/readme.odt lab5-doc/
mauricio@cis106vm:~$ mv lab5/chess.jpg lab5/book.png lab5-img/
mauricio@cis106vm:~$ mv lab5/breakers.mp4 lab5/sonicwings2.mp4 lab5-video/
mauricio@cis106vm:~$ mv lab
lab4files/ lab5/ lab5-audio/ lab5-doc/ lab5-img/ lab5-video/
mauricio@cis106vm:~$ mv lab5/robot.ogg lab5/starwars3.wav lab5-audio/
mauricio@cis106vm:~$ mv lab5/wallpapersLab5/ Pictures/NewWallpapers
mauricio@cis106vm:~$ rm -r lab5 lab5-img lab5-video lab5-audio lab5-doc Pictures/NewWallpapers
mauricio@cis106vm:~$ ls -d1 ~*/
/home/mauricio/cis106/
/home/mauricio/Desktop/
/home/mauricio/Documents/
/home/mauricio/Downloads/
/home/mauricio/fps/
/home/mauricio/games/
/home/mauricio/jpg/
/home/mauricio/lab4files/
/home/mauricio/Music/
/home/mauricio/Pictures/
/home/mauricio/practicels/
/home/mauricio/Public/
mauricio@cis106vm:~$ 

1/1 + 2: mauricio@cis106vm:~ Tiliix: mauricio@cis106vm:~
1: mauricio@cis106vm:~ ~
2025-04-02 22:19:03 (13.6 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
mauricio@cis106vm:~$ mkdir lab5-img lab5-audio lab5-video lab5-doc
mkdir: cannot create directory 'lab5-img': File exists
mkdir: cannot create directory 'lab5-audio': File exists
mkdir: cannot create directory 'lab5-video': File exists
mkdir: cannot create directory 'lab5-doc': File exists
mauricio@cis106vm:~$ mkdir lab5-img lab5-audio lab5-video lab5-doc
mauricio@cis106vm:~$ ls lab5-img lab5-audio lab5-video lab5-doc
lab5-audio:
  robot.ogg starwars3.wav

lab5-doc:
  project.docx  readme.odt

lab5-img:
  book.png chess.jpg

lab5-video:
  breakers.mp4 sonicwings2.mp4
mauricio@cis106vm:~$ 

```

Question 4: Copying Files and Directories

The image shows two terminal windows side-by-side. Terminal window 1 (left) shows the user navigating through their Downloads directory, listing files like 'pexels-esan-2085998.jpg', 'pexels-jpleno-1103969.jpg', and 'hello.py'. It also shows the creation of a 'lab5wallpapers' folder and the copying of files from the Downloads directory into it. Terminal window 2 (right) shows the user navigating through their Pictures directory, listing files like 'class activities', 'confidential', 'Screenshot 3.5.25', and 'Solution Practice for Lab 4'. It shows the creation of a 'lab5wallpapers' folder and the copying of files from the Pictures directory into it.

```
1: mauricio@cis106vm:~ ls ~/Downloads/
pexels-esan-2085998.jpg      pexels-kento-ikeda-899721717-19822293.jpg
pexels-jpleno-1103969.jpg
mauricio@cis106vm:~$ ls ~/Pictures/
'class activities'  lab5wallpapers      wallpapers
  confidential      'Screenshot 3.5.25'
  hello.py          'Solution Practice for Lab 4'
mauricio@cis106vm:~$ ls ~/Pictures/lab5wallpapers/
pexels-esan-2085998.jpg      pexels-kento-ikeda-899721717-19822293.jpg
pexels-jpleno-1103969.jpg
mauricio@cis106vm:~$ ls ~/Downloads/ ~/Pictures/
/home/mauricio/Downloads/:
pexels-esan-2085998.jpg      pexels-kento-ikeda-899721717-19822293.jpg
pexels-jpleno-1103969.jpg

/home/mauricio/Pictures/:
'class activities'  lab5wallpapers      wallpapers
  confidential      'Screenshot 3.5.25'
  hello.py          'Solution Practice for Lab 4'
mauricio@cis106vm:~$ ls ~D
Desktop/  Documents/ Downloads/
mauricio@cis106vm:~$ ls ~/Downloads/ ~/Pictures/
/home/mauricio/Downloads/:
lab5wallpapers      pexels-jpleno-1103969.jpg
pexels-esan-2085998.jpg  pexels-kento-ikeda-899721717-19822293.jpg

/home/mauricio/Pictures/:
'class activities'  lab5wallpapers      wallpapers
  confidential      'Screenshot 3.5.25'
  hello.py          'Solution Practice for Lab 4'
mauricio@cis106vm:~$ 
```

Challenge Question:

```
mauricio@cis106vm:~$ cd $HOME && wget https://cis106.com/assets/lab5/website-lab5.zip && unzip website-lab5.zip && rm website-lab5.zip
--2025-04-06 20:15:50-- 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

2025-04-06 20:15:50 (70.2 MB/s) - 'website-lab5.zip' saved [1326/1326]

Archive: website-lab5.zip
  creating: website-lab5/
  inflating: website-lab5/index.html
mauricio@cis106vm:~$ mv Downloads/pexels-jplienio-1103969.jpg website-lab5/index.html img1.jpg
mv: target 'img1.jpg': No such file or directory
mauricio@cis106vm:~$ mv Downloads/pexels-jplienio-1103969.jpg website-lab5/index.html/img1.jpg
mv: cannot stat 'website-lab5/index.html/img1.jpg': Not a directory
mauricio@cis106vm:~$ mv Downloads/pexels-jplienio-1103969.jpg website-lab5/img1.jpg
mauricio@cis106vm:~$ mv Downloads/pexels-esan-2085998.jpg website-lab5/img2.jpg
mauricio@cis106vm:~$ mv Downloads/pexels-kento-ikeda-899721717-19822293.jpg website-lab5/img3.jpg
mauricio@cis106vm:~$ ls -1X website-lab5/
index.html
img1.jpg
img2.jpg
img3.jpg
mauricio@cis106vm:~$
```

