

Lab 5 Submission

Question 1

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1/1 ~ + ⌂ ⌂ Tilix: anthony@cis106: ~ Q = - □ ×  
1: anthony@cis106: ~  
anthony@cis106:~$ mkdir -p $HOME/lab5/q1.1/games/{action,fps,rpg}  
anthony@cis106:~$ touch $HOME/lab5/q1.1/games/action/action_games.txt  
anthony@cis106:~$ touch $HOME/lab5/q1.1/games/fps/fps_list.txt  
anthony@cis106:~$ touch $HOME/lab5/q1.1/games/rpg/mods.py  
anthony@cis106:~$ tree ~/lab5  
/home/anthony/lab5  
└── q1.1  
    └── games  
        ├── action  
        │   └── action_games.txt  
        ├── fps  
        │   └── fps_list.txt  
        └── rpg  
            └── mods.py  
6 directories, 3 files  
anthony@cis106:~$
```

```
1/1 + ⌂ ⌂ Tiliix: anthony@cis106: ~ 🔎 ⌂ ⌂ ×  
1: anthony@cis106: ~  
anthony@cis106:~$ mkdir -p $HOME/lab5/q1.2  
anthony@cis106:~$ rmdir -p $HOME/lab5/q1.2  
rmdir: failed to remove directory '/home/anthony/lab5': Directory  
not empty  
anthony@cis106:~$ mkdir -p $HOME/lab5/q1.2/{hw,notes}  
anthony@cis106:~$ touch $HOME/lab5/q1.2/hw/linux.txt  
anthony@cis106:~$ touch $HOME/lab5/q1.2/notes/math.pdf  
anthony@cis106:~$ tree lab5  
lab5  
└── q1.1  
    └── games  
        ├── action  
        │   └── action_games.txt  
        ├── fps  
        │   └── fps_list.txt  
        └── rpg  
            └── mods.py  
└── q1.2  
    ├── hw  
    │   └── linux.txt  
    └── notes  
        └── math.pdf  
  
9 directories, 5 files  
anthony@cis106:~$ █
```

Question 2

```

1: anthony@cis106: /srv ~

anthony@cis106:~$ cd /srv/
anthony@cis106:/srv$ rm -r $HOME/lab5/q1.2/notes/math.pdf
anthony@cis106:/srv$ rm -r $HOME/lab5/q1.2/hmw/linux.txt
anthony@cis106:/srv$ 

```

Question 3

```

1: anthony@cis106: ~ ~

anthony@cis106:/srv$ cd
anthony@cis106:~$ rm -r ~/lab5
anthony@cis106:~$ wget https://cis106.com/assets/lab5/lab5.zip
--2024-10-31 20:05:33-- 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...
HTTP request sent, awaiting response... 200 OK
Length: 4301053 (4.1M) [application/zip]
Saving to: 'lab5.zip'

lab5.zip          100%[=====] 4.10M 10.6
MB/s   in 0.4s

2024-10-31 20:05:34 (10.6 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

2: anthony@cis106: ~ ~

anthony@cis106:~$ ls lab5 -1X
wallpapersLab5
project.docx
chess.jpg
breakers.mp4
sonicwings2.mp4
readme.odt
robot.ogg
book.png
starwars3.wav
anthony@cis106:~$ mkdir -p ~/lab5-image,lab5-audio,lab5-doc,lab5-video
3: anthony@cis106: ~ ~

anthony@cis106:~$ mv ~/lab5/chess.jpg ~/lab5-image
anthony@cis106:~$ mv ~/lab5/robot.ogg ~/lab5-audio
mv: cannot stat '/home/anthony/lab5/robot.ogg': No such file or directory
anthony@cis106:~$ mv ~/lab5/starwars3.wav ~/lab5-audio
anthony@cis106:~$ mv ~/lab5/breakers.mp4 ~/lab5-video
anthony@cis106:~$ mv ~/lab5/sonicwings2.mp4 ~/lab5-video
anthony@cis106:~$ mv ~/lab5/project.docx ~/lab5-doc
anthony@cis106:~$ mv ~/lab5/readme.odt ~/lab5-doc
anthony@cis106:~$ mv ~/lab5/wallpapersLab5/ Pictures/NewWallpapers
mv: cannot stat '/home/anthony/lab5/wallpapersLab5/': No such file or directory
anthony@cis106:~$ mv ~/lab5/wallpapersLab5/ Pictures/NewWallpapers
anthony@cis106:~$ 

```

The screenshot shows a terminal window with three tabs. Tab 1 displays the contents of the user's home directory (~) with various files and folders listed. Tab 2 shows the contents of a directory named 'lab5' with files like 'wallpapersLab5', 'project.docx', 'chess.jpg', etc. Tab 3 shows the user creating a new directory structure: mkdir -p ~/[lab5-image, lab5-audio, lab5-doc, lab5-video]. Then, they move files from their home directory into these new sub-directories: mv ~/lab5/book.png ~/lab5-image, mv ~/lab5/chess.jpg ~/lab5-image, mv ~/lab5/robbot.ogg ~/lab5-audio, mv ~/lab5/starwars3.wav ~/lab5-audio, mv ~/lab5/breakers.mp4 ~/lab5-video, mv ~/lab5/sonicwings2.mp4 ~/lab5-video, mv ~/lab5/project.docx ~/lab5-doc, mv ~/lab5/readme.odt ~/lab5-doc, and mv ~/lab5/wallpapersLab5/ Pictures/NewWallpapers. Finally, they move the 'wallpapersLab5' folder into the 'NewWallpapers' directory.

```

1: anthony@cis106: ~
io
lab5-audio:
robot.ogg starwars3.wav

lab5-doc:
project.docx readme.odt

lab5-image:
book.png chess.jpg

lab5-video:
breakers.mp4 sonicwings2.mp4
anthony@cis106:~$ rm -r {lab5,lab5-image,lab5-video,lab5-doc
s,lab5-audio}
rm: cannot remove 'lab5-docs': No such file or directory
anthony@cis106:~$ rm -r lab5-doc
anthony@cis106:~$ ls -d1 ~/*
/home/anthony/bepractise/
/home/anthony/cis106/
/home/anthony/Desktop/
/home/anthony/Documents/
/home/anthony/Downloads/
/home/anthony/lab4files/
/home/anthony/Music/
/home/anthony/Pictures/
/home/anthony/practice/
/home/anthony/practicels/
/home/anthony/Public/
/home/anthony/scripts/
/home/anthony/snap/
/home/anthony/Templates/
2: anthony@cis106: ~
anthony@cis106:~$ ls lab5 -1X
wallpapersLab5
project.docx
chess.jpg
breakers.mp4
sonicwings2.mp4
readme.odt
robot.ogg
book.png
starwars3.wav
anthony@cis106:~$ mkdir -p ~/[lab5-image,lab5-audio,lab5-doc
lab5-video]
3: anthony@cis106: ~
anthony@cis106:~$ mv ~/lab5/book.png ~/lab5-image
anthony@cis106:~$ mv ~/lab5/chess.jpg ~/lab5-image
anthony@cis106:~$ mv ~/lab5/robbot.ogg ~/lab5-audio
mv: cannot stat '/home/anthony/lab5/robbot.ogg': No such fil
e or directory
anthony@cis106:~$ mv ~/lab5/starwars3.wav ~/lab5-audio
anthony@cis106:~$ mv ~/lab5/breakers.mp4 ~/lab5-video
anthony@cis106:~$ mv ~/lab5/sonicwings2.mp4 ~/lab5-video
anthony@cis106:~$ mv ~/lab5/project.docx ~/lab5-doc
anthony@cis106:~$ mv ~/lab5/readme.odt ~/lab5-doc
anthony@cis106:~$ mv ~/lab5/wallpapersLab5/ Pictures/NewWallp
apers
mv: cannot stat '~lab5/wallpapersLab5/': No such file or dir
ecitory
anthony@cis106:~$ mv ~/lab5/wallpapersLab5/ Pictures/NewWall
papers

```

Question 4

The screenshot shows a terminal window with two tabs. Tab 1 lists files in the Downloads directory, specifically three jpg files: 'pexels-didsss-27768680.jpg', 'pexels-ignacio-pales-407380-2940506.jpg', and 'pexels-kaitlyn-chadsey-2018606276-29070086.jpg'. Tab 2 shows the user creating a directory 'mkdir -p ~/Pictures/lab5wallpapers', then copying the three files from Downloads into this new directory using 'cp ~/Downloads/pexels-didsss-27768680.jpg ~/Pictures/lab5wallpapers'. A warning message 'cp: -r not specified; omitting directory '/home/anthony/Pictures/lab5wallpapers'' is displayed.

```

1: anthony@cis106: ~
anthony@cis106:~$ ls ~/Downloads/
pexels-didsss-27768680.jpg pexels-ignacio-pales-407380-2940506.jpg pexels-kaitlyn-chadsey-2018606276-29070086.jpg
anthony@cis106:~$ []
2: anthony@cis106: ~
anthony@cis106:~$ mkdir -p ~/Pictures/lab5wallpapers
anthony@cis106:~$ cp ~/Downloads/pexels-didsss-27768680.jpg ~/Pictures/lab5wallpapers
cp: -r not specified; omitting directory '/home/anthony/Pictures/lab5wallpapers'
anthony@cis106:~$ cp ~/Pictures/lab5wallpapers ~/Downloads/
anthony@cis106:~$ []

```

Challenge Question

```
Tilix: anthony@cis106: ~
```

1: anthony@cis106:~ ~

anthony@cis106:~\$ cd \$HOME && wget https://cis106.com/assets/lab5/websi
te-lab5.zip && unzip website-lab5.zip && rm website-lab5.zip
--2024-10-31 20:41:08-- https://cis106.com/assets/lab5/website-lab5.zi
P
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 20:41:08 (33.4 MB/s) - 'website-lab5.zip' saved [1326/1326]

Archive: website-lab5.zip
 creating: website-lab5/
 inflating: website-lab5/index.html

2: anthony@cis106:~ ~

anthony@cis106:~\$ mv ~/Downloads/pexels- website-lab5/image1.png
pexels-pixabay-326055.jpg
pexels-pixabay-33109.jpg
pexels-thatguyraig000-1563355.jpg
anthony@cis106:~\$ mv ~/Downloads/pexels-pixabay-3
3109.jpg website-lab5/image1.png
anthony@cis106:~\$ mv ~/Downloads/pexels-pixabay-3
26055.jpg website-lab5/image2.png
anthony@cis106:~\$ mv ~/Downloads/pexels-thatguyr
aig000-1563355.jpg website-lab5/image3.png
anthony@cis106:~\$

3: anthony@cis106:~ ~

anthony@cis106:~\$ ls -1X website-lab5/
index.html
img1.jpg
img2.jpg
img3.jpg
anthony@cis106:~\$



