

Week report 5

Answer to Questions:

- **What are Command Options?** It is an additional parameter that can modify the behavior of a command.
- **What are Command Arguments?** Arguments are the items that the command acts on.
- **Which command is used for creating directories? Provide at least 3 examples.**

`mkdir`

mkdir Pictures

******mkdir ~/Pictures/favorites/ ******

mkdir -p Carlos/Photos/

- **What does the touch command do? Provide at least 3 examples.**

The command touch create files

touch ~/Downloads/text.txt

touch Docs/homework1.txt

touch Music/song.mp3

- **How do you remove a file? Provide an example.**

You can remove a file with the command `rm`

rm ~/Downloads/text.txt

- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example** `rmdir` for an empty directory

`rm -r` for a non-empty directory

rmdir Downloads/NewGames/

rm -r Downloads/

- **Explain the mv and cp command. Provide at least 2 examples of each**

`mv` is a command that moves and renames directories .

mv ~/Downloads/text.txt /usr/share/carlos.txt

mv ~/usr/share/carlos.txt ~/Documents/carlos.txt

`cp` is a command that copies files and directories from one place to a another.

```
cp Downloads/pictures/photo.png Documents/
```

```
cp ~/Music/trap.mp3 ~/cis.106/
```

Practice1

```
carlosjcatotavalladares@cis106vm:~$ mkdir website
carlosjcatotavalladares@cis106vm:~$ mkdir website/script website/assets
carlosjcatotavalladares@cis106vm:~$ touch website/index.html
carlosjcatotavalladares@cis106vm:~$ touch website/assets/image.png
carlosjcatotavalladares@cis106vm:~$ touch website/scripts/script.js
touch: cannot touch 'website/scripts/script.js': No such file or directory
carlosjcatotavalladares@cis106vm:~$ touch website/script/script.js
carlosjcatotavalladares@cis106vm:~$ tree website/
website/
├── assets
│   └── image.png
├── index.html
└── script
    └── script.js

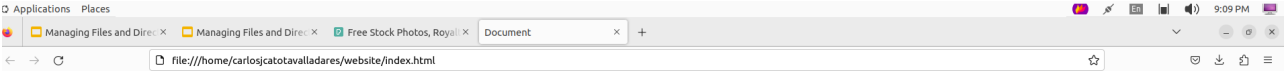
2 directories, 3 files
carlosjcatotavalladares@cis106vm:~$ rm website/assets/image.png website/script/script.js
carlosjcatotavalladares@cis106vm:~$ rm -r website/assets website/script
carlosjcatotavalladares@cis106vm:~$ rm -r website/
carlosjcatotavalladares@cis106vm:~$ _
```

Practice2

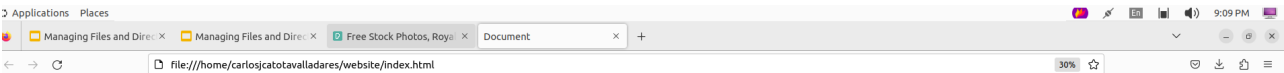
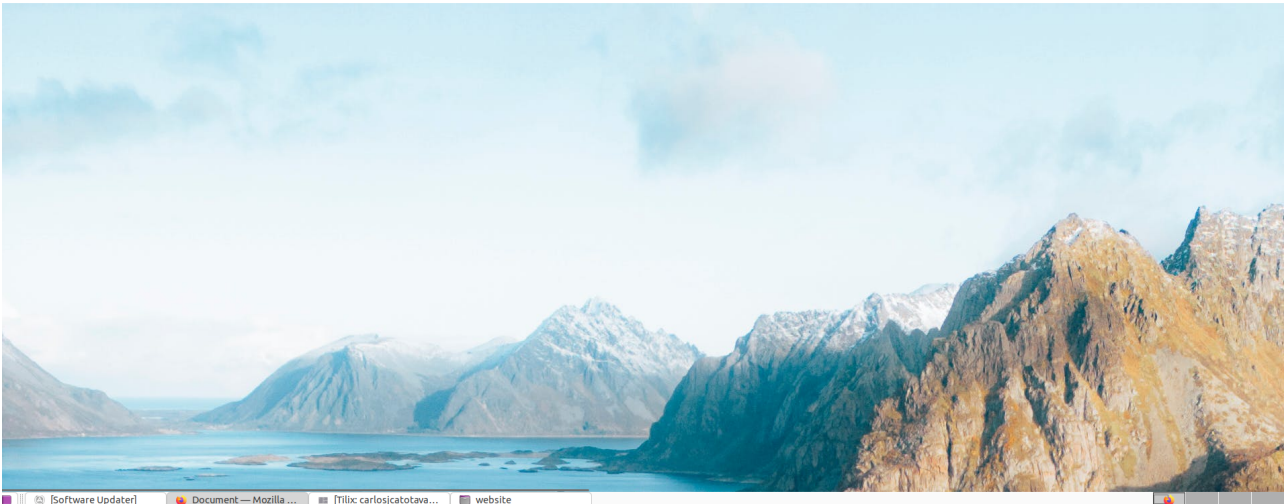
```
carlosjcatotavalladares@cis106vm:~$ cd /usr/share
carlosjcatotavalladares@cis106vm:/usr/share$ mkdir ~/website
carlosjcatotavalladares@cis106vm:/usr/share$ mkdir -p ~/website/assets/images/small
carlosjcatotavalladares@cis106vm:/usr/share$ touch ~/website/assets/images/small/logo.png
carlosjcatotavalladares@cis106vm:/usr/share$ rm ~/website/assets/images/small/logo.png
carlosjcatotavalladares@cis106vm:/usr/share$ rm -r ~/website
carlosjcatotavalladares@cis106vm:/usr/share$ _
```

Practice3

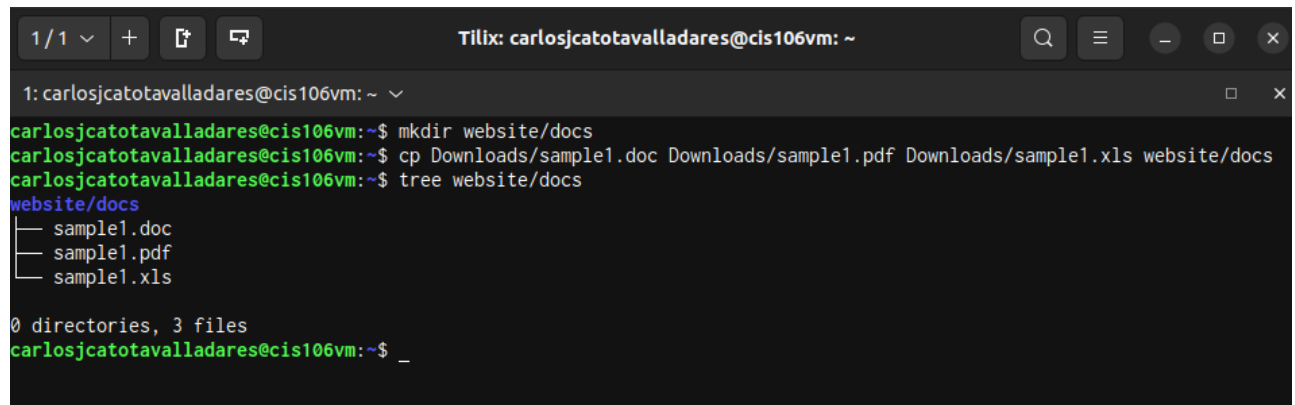
```
Tilix: carlosjcatotavalladares@cis106vm: ~
1: carlosjcatotavalladares@cis106vm: ~
carlosjcatotavalladares@cis106vm:~$ mkdir website
carlosjcatotavalladares@cis106vm:~$ mkdir website/assets
carlosjcatotavalladares@cis106vm:~$ curl https://cis106.com/assets/sampleSite.txt -o ~/website/index.html
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload  Total   Spent    Left     Speed
100  372  100  372    0     0  1816      0  --:--:-- --:--:-- --:--:--  1823
carlosjcatotavalladares@cis106vm:~$ mv Downloads/pexels-dico-baskoro-18937801.jpg Downloads/pexels-nati-16776919.jpg w
bsite/assets
mv: target 'wbsite/assets' is not a directory
carlosjcatotavalladares@cis106vm:~$ mv Downloads/pexels-dico-baskoro-18937801.jpg Downloads/pexels-nati-16776919.jpg w
bsite/assets
carlosjcatotavalladares@cis106vm:~$ mv website/assets/pexels-dico-baskoro-18937801.jpg website/assets/image.png
carlosjcatotavalladares@cis106vm:~$ mv website/assets/pexels-nati-16776919.jpg website/assets/image2.png
carlosjcatotavalladares@cis106vm:~$ _
```



Sample site



Practice4



A terminal window titled "Tilix: carlosjcatotavalladares@cis106vm: ~" with standard window controls. The terminal shows a series of commands and their outputs:

```
1: carlosjcatotavalladares@cis106vm: ~  
carlosjcatotavalladares@cis106vm:~$ mkdir website/docs  
carlosjcatotavalladares@cis106vm:~$ cp Downloads/sample1.doc Downloads/sample1.pdf Downloads/sample1.xls website/docs  
carlosjcatotavalladares@cis106vm:~$ tree website/docs  
website/docs  
├── sample1.doc  
├── sample1.pdf  
└── sample1.xls  
  
0 directories, 3 files  
carlosjcatotavalladares@cis106vm:~$ _
```