Week Report 5

What are Command Options?

Commands are often followed by options that modify/enhance their behavior.

What are Command Arguments?

Commands are also followed by arguments which are the items open which the command acts on.

Which command is used for creating directories? Provide at least 3 examples.

The command for making directories is mkdir. To create a directory type: `mkdir+(name of directory)` Examples: `mkdir songs/`, `mkdir memes/`, `mkdir Downloads/extra/`

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

This command creates files. To use this command simply type: `touch (file)` Examples: `touch list`, `touch ~Downloads/games.txt`, `touch cars/manual`

How do you remove a file? Provide an example.

To remove a file simply type `rm (file)`. Example: `rm ~/Downloads/games.txt`

How do you remove a directory and can you remove non-empty directories in Linux? Provide an example
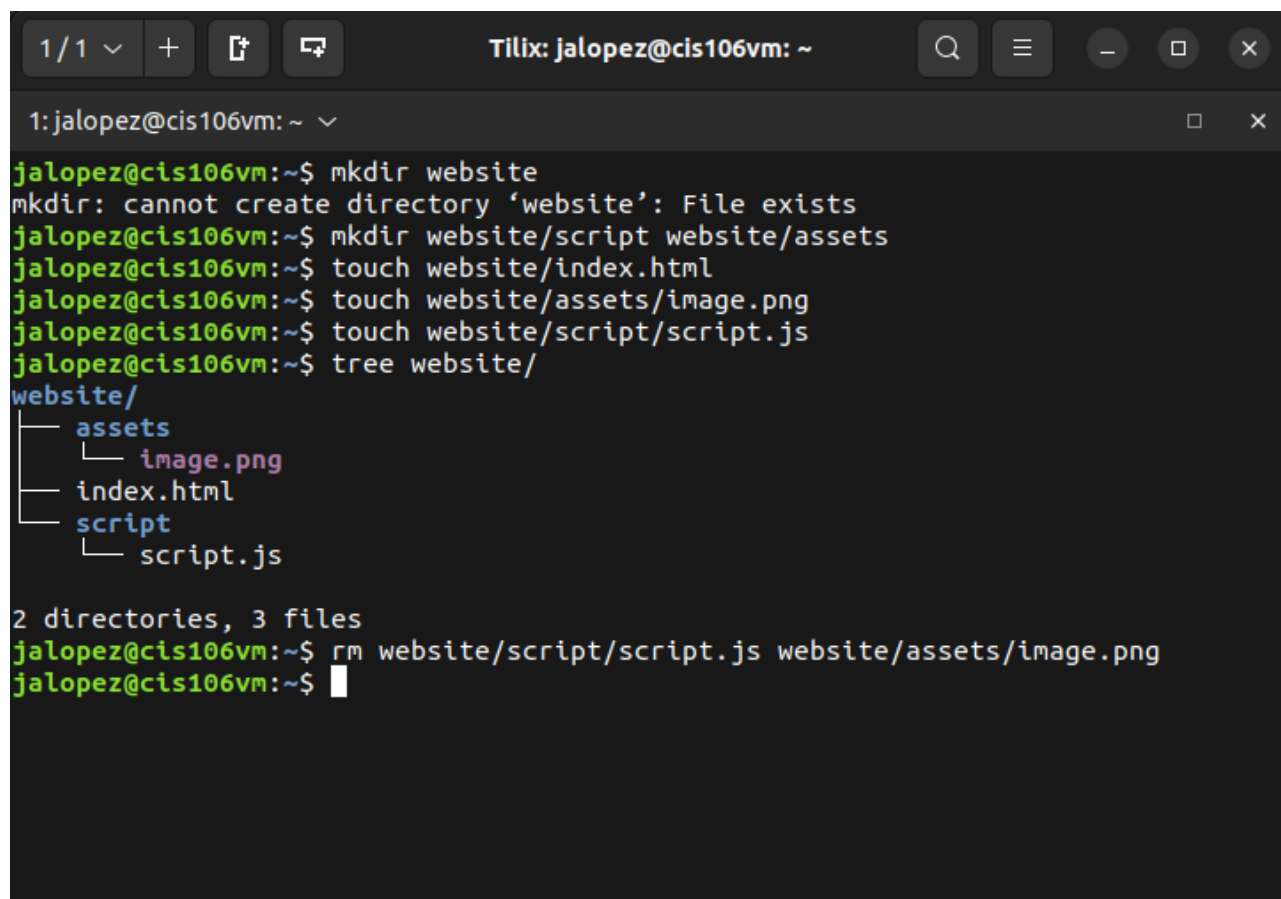
To remove a directory type rmdir, YOU CANNOT REMOVE NON EMPTY DIRECTORIES. Example: `rmdir pointlessdir/`

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

mv command is simply to move and or rename a file. cp command copies files or directories.(only can copy directories if you use the -r option.) Examples: `mv Downloads/homework.pdf Documents/`, `mv Downloads/lab3setup.pdf Downloads/Lab3Final`, `cp Downloads/wallpapers.zip Pictures/`, `p -r ~/Downloads/wallpapers ~/Pictures/`
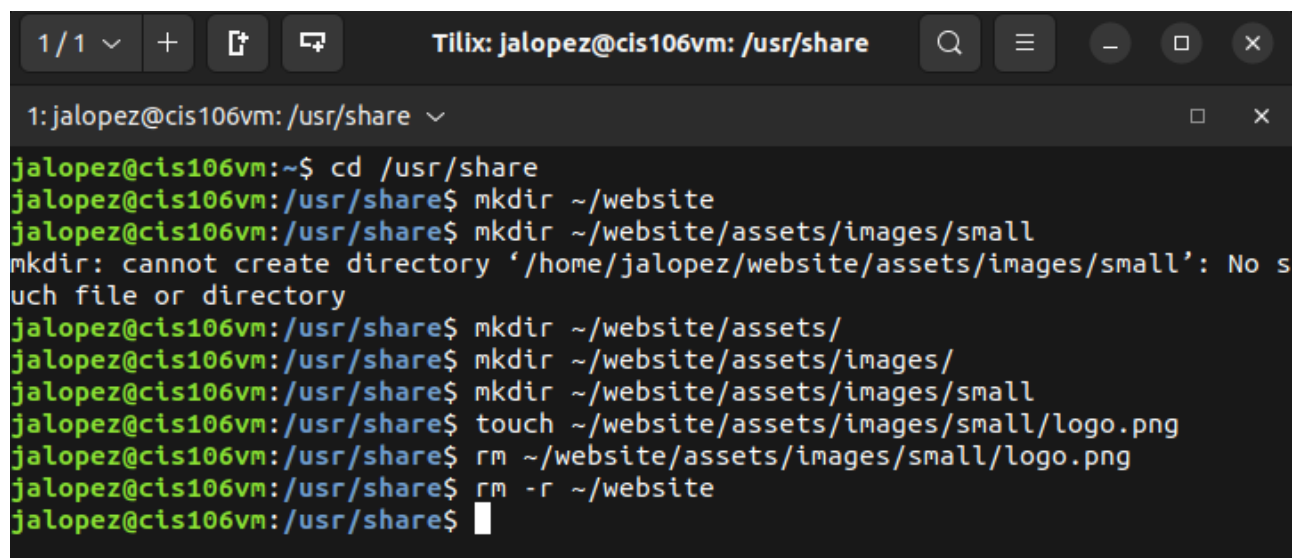
Practice

- Practice 1

- Practice 2

- Practice 3

```
jalopez@cis106vm:~$ mkdir -p website/assets
jalopez@cis106vm:~$ curl https://cis106.com/assets/samplesite.txt -o ~/website/i
ndex.html
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100   372  100   372    0     0   1094      0 --:--:-- --:--:-- --:--:--  1094
jalopez@cis106vm:~$ mv Do
Documents/ Downloads/
jalopez@cis106vm:~$ mv Downloads/pexels-
pexels-céline-14208380.jpg          pexels-daniel-sarmiento-13742150.jpg
jalopez@cis106vm:~$ mv Downloads/pexels-céline-14208380.jpg website/assets/
jalopez@cis106vm:~$ mv Downloads/pexels-daniel-sarmiento-13742150.jpg website/as
sets/
jalopez@cis106vm:~$ mv website/assets/pexels-daniel-sarmiento-13742150.jpg websi
te/assets/image.png
jalopez@cis106vm:~$ mv website/assets/pexels-céline-14208380.jpg website/assets/
image2.png
jalopez@cis106vm:~$ xdg-open website/index.html
```

- Practice 4

```
jalopez@cis106vm:~$ cp Downloads/sample2.doc website/docs/
jalopez@cis106vm:~$ cp Downloads/sample3.pdf website/docs/
jalopez@cis106vm:~$ cp Downloads/sample3.xls website/docs/
jalopez@cis106vm:~$ tree website/
website/
├── assets
│   ├── image2.png
│   └── image.png
├── docs
│   ├── sample2.doc
│   ├── sample3.pdf
│   └── sample3.xls
└── index.html

2 directories, 6 files
jalopez@cis106vm:~$ 
```