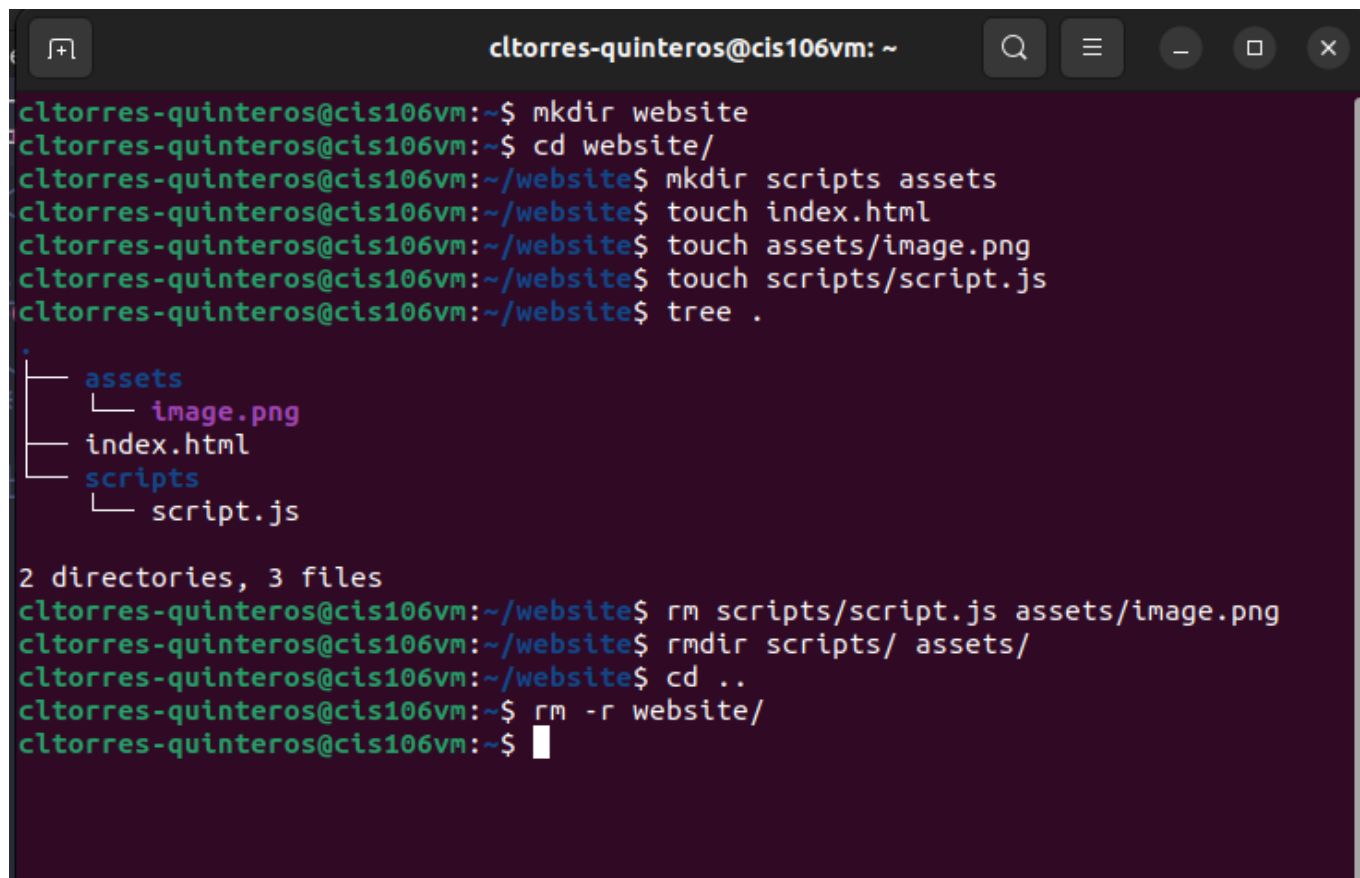


Week Report 5

Answer to Questions:

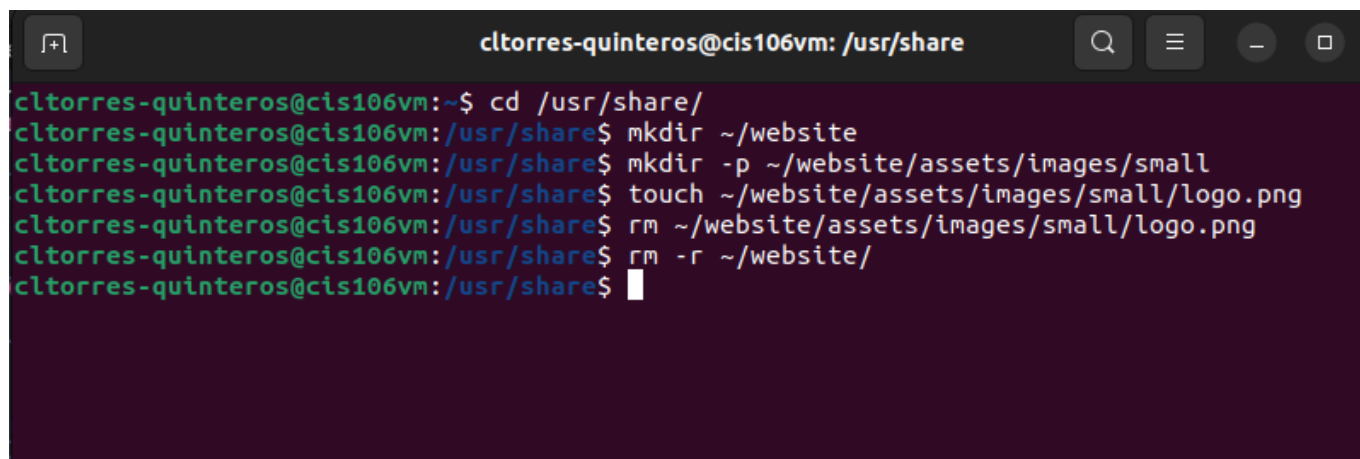
- **What are Command Options?** Command options are commands that modify or enhance their behavior.
- **What are Command Arguments?** Command arguments are the items that the command acts on which can be a file or a directory.
- **Which command is used for creating directories? Provide at least 3 examples.** The command that is used for creating directories is the `mkdir` command.
- Example 1: create a directory in the present working directory.
 - `'mkdir burrito'`
- Example 2: create a directory in a different directory using absolute path.
 - `'mkdir burrito/chicken'`
- Example 3: create multiple directories
 - `'mkdir burrito/steak burrito/bean burrito/beef'`
- **What does the touch command do? Provide at least 3 examples.** The touch command is used for creating files.
- Example 1: create a file called room.
 - `'touch room'`
- Example 2: create several files
 - `'touch bedroom.txt living_room.txt dining_room.txt'`
- Example 3: create a file using absolute path.
 - `'~/Documents/bedroom.txt'`
- **How do you remove a file? Provide an example.** To remove a file, you have to use the `rm` command.
- Example: remove a file.
 - `'rm red'`
- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example** You remove a directory by using the `rm -r` command. To remove non-empty directories in Linux, you use `rm -r` and the directory name or directory absolute path.
- Example: remove a non-empty directory.
 - `'rm -r Downloads/games'`
- **Explain the mv and cp command. Provide at least 2 examples of each** The `mv` command moves and renames directories.
- Example 1: move a file from one directory to another using relative path.
 - `'mv Downloads/red.pdf Documents/'`
- Example 2: rename a file.
 - `'mv green.docx brown.docx'` The `cp` command copies files or directories from a source to a destination.
- Example 1: copy a file
 - `'cp Downloads/mydog.pdf Documents/'`
- Example 2: copy a directory with absolute path.
 - `'cp -r ~/Downloads/themes ~/Pictures/'`

Practice 1



```
cltorres-quinteros@cis106vm: ~  
cltorres-quinteros@cis106vm:~$ mkdir website  
cltorres-quinteros@cis106vm:~$ cd website/  
cltorres-quinteros@cis106vm:~/website$ mkdir scripts assets  
cltorres-quinteros@cis106vm:~/website$ touch index.html  
cltorres-quinteros@cis106vm:~/website$ touch assets/image.png  
cltorres-quinteros@cis106vm:~/website$ touch scripts/script.js  
cltorres-quinteros@cis106vm:~/website$ tree .  
.  
├── assets  
│   └── image.png  
├── index.html  
└── scripts  
    └── script.js  
  
2 directories, 3 files  
cltorres-quinteros@cis106vm:~/website$ rm scripts/script.js assets/image.png  
cltorres-quinteros@cis106vm:~/website$ rmdir scripts/ assets/  
cltorres-quinteros@cis106vm:~/website$ cd ..  
cltorres-quinteros@cis106vm:~$ rm -r website/  
cltorres-quinteros@cis106vm:~$
```

Practice 2



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

Practice 3

```
cltorres-quinteros@cis106vm: ~  
cltorres-quinteros@cis106vm:~$ mkdir -p website/assets  
cltorres-quinteros@cis106vm:~$ curl https://cis106.com/assets/sampleSite.txt -o ~/website/index.html  
% Total % Received % Xferd Average Speed Time Time Current  
Dload Upload Total Spent Left Speed  
100 372 100 372 0 0 1912 0 --:--:-- --:--:-- --:--:-- 1917  
cltorres-quinteros@cis106vm:~$ mv Downloads/pexels-carlo-obrien-15524939.jpg website/assets/  
cltorres-quinteros@cis106vm:~$ mv Downloads/pexels-natl-16776919.jpg website/assets/  
cltorres-quinteros@cis106vm:~$ mv website/assets/pexels-carlo-obrien-15524939.jpg website/assets/image.png  
cltorres-quinteros@cis106vm:~$ mv website/assets/pexels-natl-16776919.jpg website/assets/image2.png  
cltorres-quinteros@cis106vm:~$ xdg-open website/index.html  
Gtk-Message: 22:22:46.168: Failed to load module "xapp-gtk3-module"  
Gtk-Message: 22:22:46.171: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not load it.  
  
(firefox:7492): Gtk-WARNING **: 22:22:46.323: GTK+ module /snap/firefox/3252/gnome-platform/usr/lib/gtk-2.0/modules/libcanberra-gtk-module.so cannot be loaded.  
GTK+ 2.x symbols detected. Using GTK+ 2.x and GTK+ 3 in the same process is not supported.  
Gtk-Message: 22:22:46.323: Failed to load module "canberra-gtk-module"  
  
(firefox:7492): Gtk-WARNING **: 22:22:46.333: GTK+ module /snap/firefox/3252/gnome-platform/usr/lib/gtk-2.0/modules/libcanberra-gtk-module.so cannot be loaded.  
GTK+ 2.x symbols detected. Using GTK+ 2.x and GTK+ 3 in the same process is not supported.  
Gtk-Message: 22:22:46.333: Failed to load module "canberra-gtk-module"  
cltorres-quinteros@cis106vm:~$
```





Practice 4

```
cltorres-quinteros@cis106vm: ~  
cltorres-quinteros@cis106vm:~$ mkdir website/docs  
cltorres-quinteros@cis106vm:~$ cp Downloads/sample  
cp: missing destination file operand after 'Downloads/sample'  
Try 'cp --help' for more information.  
cltorres-quinteros@cis106vm:~$ cp Downloads/sample1.doc website/docs/  
cltorres-quinteros@cis106vm:~$ cp Downloads/sample1.pdf website/docs/  
cltorres-quinteros@cis106vm:~$ cp Downloads/sample1.xls website/docs/  
cltorres-quinteros@cis106vm:~$ tree website/  
website/  
├── assets  
│   ├── image2.png  
│   └── image.png  
├── docs  
│   ├── sample1.doc  
│   ├── sample1.pdf  
│   └── sample1.xls  
└── index.html  
  
2 directories, 6 files  
cltorres-quinteros@cis106vm:~$
```

