

Week Report 5

Answers to Questions

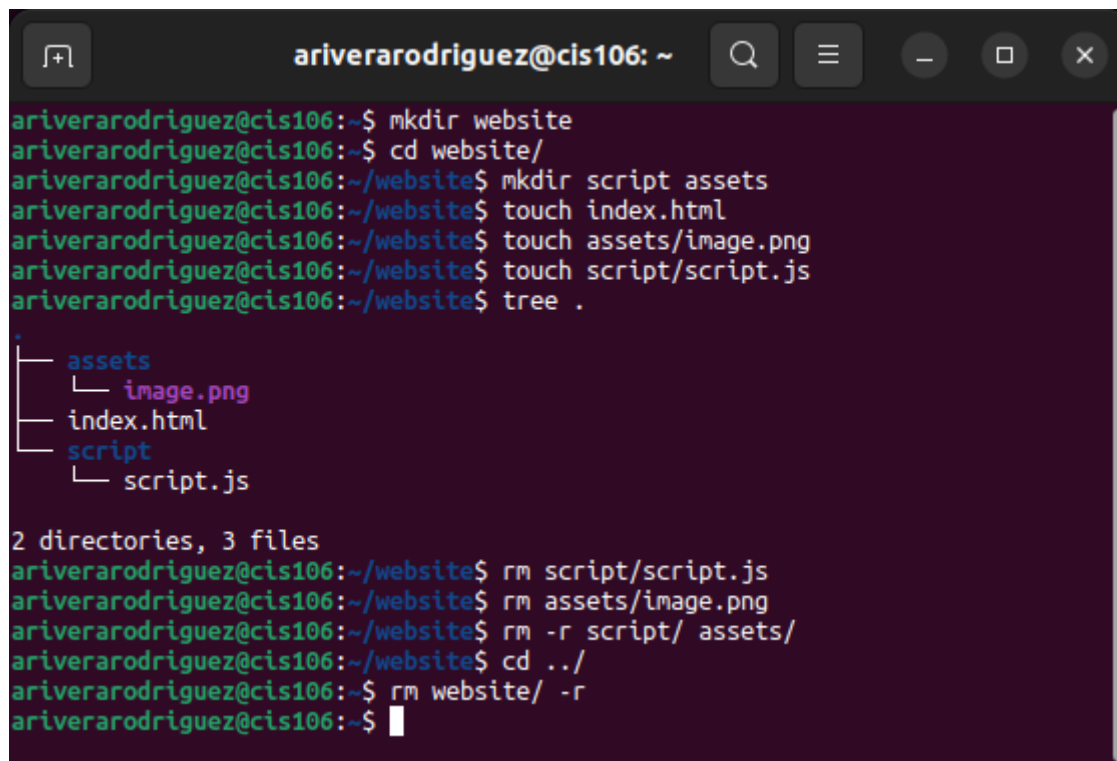
- **What are Command Options?** Command Options are options that modify/enhance their behavior.
Syntax: `command -option argument` Code: `ls -l ~/Downloads`
- **What are Command Arguments?** Command arguments are items in which the command acts on.
- **Which command is used for creating directories? Provide at least 3 examples.** The command is `mkdir`.
 - example 1:
 - Create a directory: `mkdir potatoes`
 - example 2:
 - Create multiple directories: `mkdir movies ~/Downloads/games ~/Documents/hmw`
 - example 3:
 - Create directory with single quotes in the name: `mkdir wallpapers/"majora's mask"`
- **What does the touch command do? Provide at least 3 examples.** The touch command is used for creating files
 - example 1:
 - Create several files: `touch list_of_cars.txt script.py names.csv`
 - example 2:
 - Create a file using absolute path: `touch ~/Downloads/games.txt`
 - example 3:
 - Create a file with a space in its name: `touch "list of foods.txt"`
- **How do you remove a file? Provide an example.** The `rm` command removes files.
 - example: `rm list`
- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example.** By default `rm` does not remove directories so, to remove a directory use `rm -r`. To remove non-empty directories use `rm -r + directoryName` or `absolute path`
 - example:
 - Removing 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.
 - The basic formula: `mv + source + destination`
 - example 1:
 - Moving a file to another directory: `mv Downloads/homework.pdf Documents/`
 - example 2:

- Renaming a file: `mv homework.docx cis106homework.docx`

The `cp` command copies files/directories from a source to a destination

- Basic Structure: `cp + files to copy + destination`
- example 1:
 - To copy a file: `Downloads/wallpapers.zip Pictures/`
- example 2:
 - To copy content of a directory to another directory: `cp Downloads/wallpapers/* ~/Pictures/`

Practice 1



```
ariverarodriguez@cis106: ~  
ariverarodriguez@cis106:~$ mkdir website  
ariverarodriguez@cis106:~$ cd website/  
ariverarodriguez@cis106:~/website$ mkdir script assets  
ariverarodriguez@cis106:~/website$ touch index.html  
ariverarodriguez@cis106:~/website$ touch assets/image.png  
ariverarodriguez@cis106:~/website$ touch script/script.js  
ariverarodriguez@cis106:~/website$ tree .  
.  
├── assets  
│   └── image.png  
├── index.html  
└── script  
    └── script.js  
  
2 directories, 3 files  
ariverarodriguez@cis106:~/website$ rm script/script.js  
ariverarodriguez@cis106:~/website$ rm assets/image.png  
ariverarodriguez@cis106:~/website$ rm -r script/ assets/  
ariverarodriguez@cis106:~/website$ cd ../  
ariverarodriguez@cis106:~$ rm website/ -r  
ariverarodriguez@cis106:~$
```

Practice 2

```

ariverarodriguez@cis106: /usr/share
ariverarodriguez@cis106:~$ cd /usr/share/
ariverarodriguez@cis106:/usr/share$ mkdir ~/website
ariverarodriguez@cis106:/usr/share$ mkdir -p ~/website/assets/images/small
ariverarodriguez@cis106:/usr/share$ touch ~/website/assets/images/small/logo.png
ariverarodriguez@cis106:/usr/share$ rm ~/website/assets/images/small/logo.png
ariverarodriguez@cis106:/usr/share$ rm -r ~/website/
ariverarodriguez@cis106:/usr/share$

```

Practice 3

```

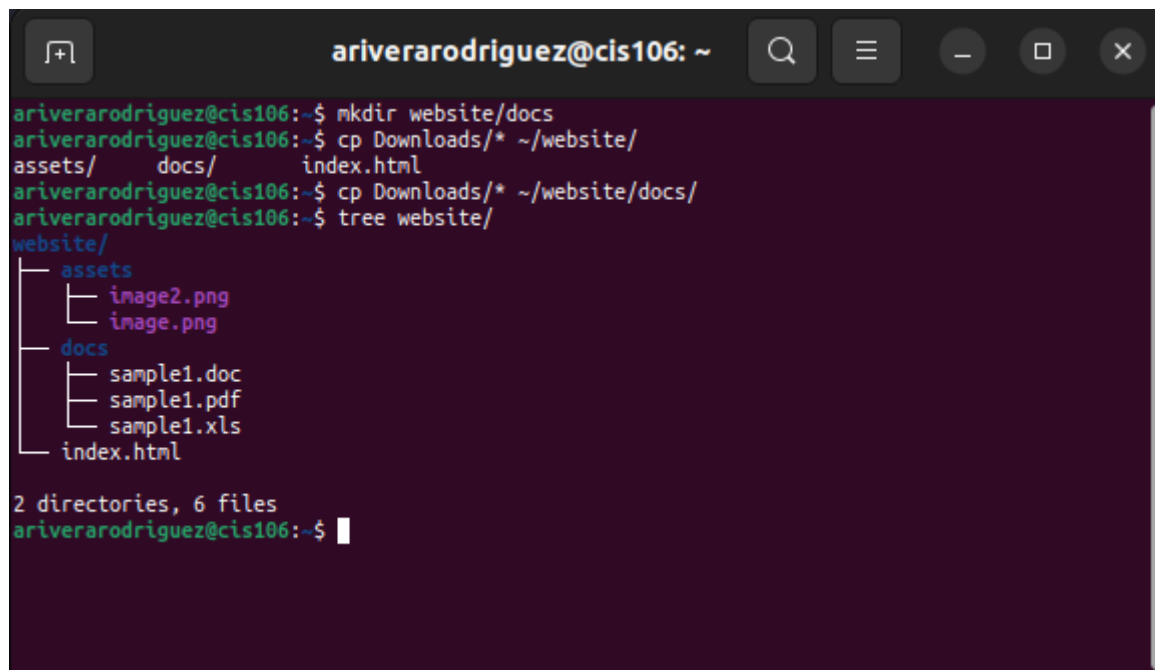
ariverarodriguez@cis106: ~
ariverarodriguez@cis106:~$ mkdir -p website/assets
ariverarodriguez@cis106:~$ curl https://cis106.com/assets/samplesite.txt -o ~/website/index.html
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  372  100  372    0     0  2146      0 --:--:-- --:--:-- --:--:--  2150
ariverarodriguez@cis106:~$ mv Downloads/pexels-
mv: missing destination file operand after 'Downloads/pexels-'
Try 'mv --help' for more information.
ariverarodriguez@cis106:~$ mv Downloads/pexels-larissa-farber-16064875.jpg website/assets/
ariverarodriguez@cis106:~$ mv Downloads/pexels-duraksama-16157246.jpg website/
assets/      index.html
ariverarodriguez@cis106:~$ mv Downloads/pexels-duraksama-16157246.jpg website/assets/
ariverarodriguez@cis106:~$ mv website/assets/pexels-larissa-farber-16064875.jpg website/assets/in
age.png
ariverarodriguez@cis106:~$ mv website/assets/pexels-duraksama-16157246.jpg website/assets/image2.
png
ariverarodriguez@cis106:~$ xdg-open website/index.html
ariverarodriguez@cis106:~$
Gtk-Message: 12:16:28.511: Failed to load module "xapp-gtk3-module"
Gtk-Message: 12:16:28.513: Not loading module "atk-bridge": The functionality is provided by GTK
natively. Please try to not load it.

(firefox:7629): Gtk-WARNING **: 12:16:28.659: GTK+ module /snap/firefox/3290/gnome-platform/usr/l
ib/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: 12:16:28.659: Failed to load module "canberra-gtk-module"

(firefox:7629): Gtk-WARNING **: 12:16:28.666: GTK+ module /snap/firefox/3290/gnome-platform/usr/l
ib/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: 12:16:28.666: Failed to load module "canberra-gtk-module"
ariverarodriguez@cis106:~$

```

Practice 4



```
ariverarodriguez@cis106: ~  
ariverarodriguez@cis106:~$ mkdir website/docs  
ariverarodriguez@cis106:~$ cp Downloads/* ~/website/  
assets/      docs/      index.html  
ariverarodriguez@cis106:~$ cp Downloads/* ~/website/docs/  
ariverarodriguez@cis106:~$ tree website/  
website/  
├── assets  
│   ├── image2.png  
│   └── image.png  
├── docs  
│   ├── sample1.doc  
│   ├── sample1.pdf  
│   └── sample1.xls  
└── index.html  
  
2 directories, 6 files  
ariverarodriguez@cis106:~$
```