

Week Report 5

Answer to Question:

What are Command Options? Commands are often followed by options that modify/enhance their behavior.

What are Command Arguments? Arguments which are the items the command acts on. This can be a file or directory.

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

- Example 1.
 - Create a directory: `mkdir fruits`
- Example 2.
- Create multiple directories. `mkdir music ~Downloads/videos ~Downloads/work`
- Example 3.
 - Create multiple directories. `mkdir games ~Downloads/songs ~Downloads/graphic`

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

- Example 1.
 - Create a file list.
 - `touch list`
- Example 2.
- Create absolute path. `touch ~Downloads/iPhone.txt`
- Example 3.
- Create relative path. `touch Downloads/iPhone3.txt`

How do you remove a file? Provide an example.

- Example 1.
 - Remove a file. `rm shows`
- Example 2.
 - Remove a file and prompt confirmation. `rm -i movies`
- Example 3.
 - Remove all files inside a directory before removing more than 3 files. `rm -I Downloads/music/*`

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

- Remove an empty directory. `rmdir Downloads/music`
- Remove an non-empty directory. `rm -r Downloads/music`

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

- Example 1. *mv command. `mv music/song`

- Example 2. `mv Downloads/music.mp3 Documents/`
- Example 1. `cp shows/movies`
- Example 2. `cp Downloads/Background/* ~Pictures/`

Practice 1

```
anmelgar@cis106:~$ mkdir website
anmelgar@cis106:~$ cd website/
anmelgar@cis106:~/website$ mkdir scripts assets
anmelgar@cis106:~/website$ touch index.html
anmelgar@cis106:~/website$ touch assests/image.png
touch: cannot touch 'assests/image.png': No such file or directory
anmelgar@cis106:~/website$ touch assets/image.png
anmelgar@cis106:~/website$ touch scripts/script.js
anmelgar@cis106:~/website$ tree .
.
├── assets
│   └── image.png
├── index.html
└── scripts
    └── script.js

2 directories, 3 files
anmelgar@cis106:~/website$ rm scripts/script.js assets/image.png
anmelgar@cis106:~/website$ rmdir scripts/ assets/
anmelgar@cis106:~/website$ cd ..
anmelgar@cis106:~$ rm -r website/
anmelgar@cis106:~$ _
```

Practice 2

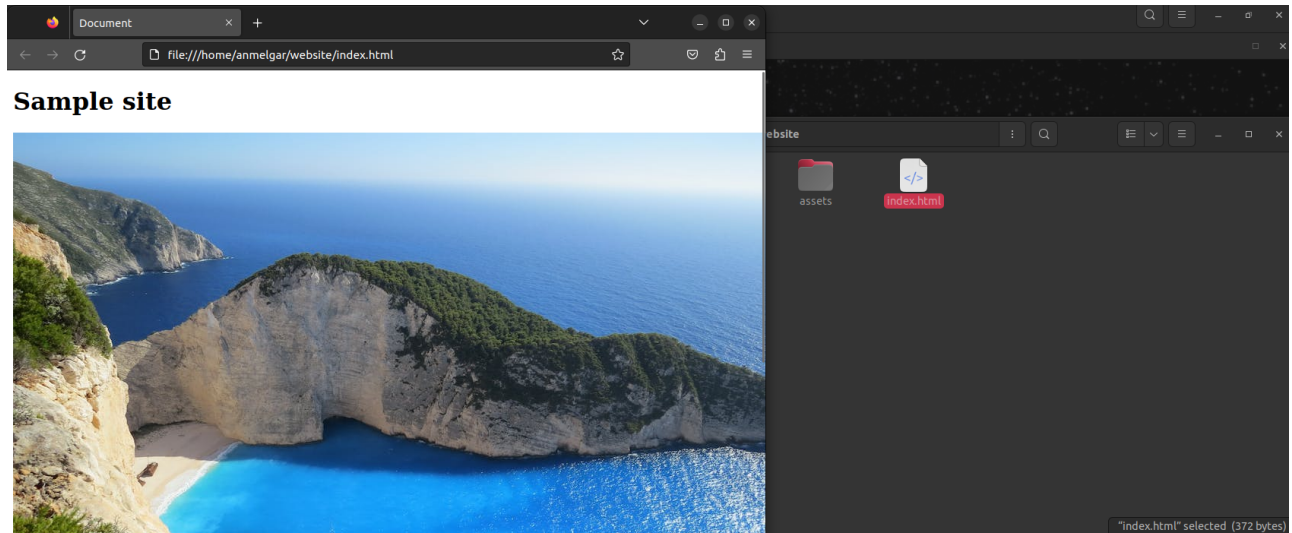
```
anmelgar@cis106:~$ cd /usr/share/
anmelgar@cis106:/usr/share$ mkdir ~/website
anmelgar@cis106:/usr/share$ mkdir -p ~/website/assets/images/small
anmelgar@cis106:/usr/share$ touch ~/website/assets/images/small/logo.png
anmelgar@cis106:/usr/share$ rm ~/website/assets/images/small/logo.png
anmelgar@cis106:/usr/share$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

Practice 3

```

anmelgar@cis106:~$ mkdir -p website/assets
anmelgar@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
anmelgar@cis106:~$ mv Downloads/free-photo-of-wanna-play-football-or-drone.jpeg website/assets/
anmelgar@cis106:~$ mv Downloads/sea-bay-waterfront-beach-50594.jpeg website/assets/
anmelgar@cis106:~$ mv website/assets/free-photo-of-wanna-play-football-or-drone.jpeg website/assets/image.png
mv: cannot stat 'website/assets/free-photo-of-wanna-play-football-or-drone.jpeg': No such file or directory
anmelgar@cis106:~$ mv website/assets/sea-bay-waterfront-beach-50594.jpeg website/assets/
mv: 'website/assets/sea-bay-waterfront-beach-50594.jpeg' and 'website/assets/sea-bay-waterfront-beach-50594.jpeg' are the same file
anmelgar@cis106:~$ mv website/assets/sea-bay-waterfront-beach-50594.jpeg website/assets/image.png
anmelgar@cis106:~$ mv website/assets/free-photo-of-wanna-play-football-or-drone.jpeg website/assets/image2.png
anmelgar@cis106:~$ xdg-open website/index.html
anmelgar@cis106:~$ Gtk-Message: 19:29:17.089: Failed to load module "xapp-gtk3-module"
Gtk-Message: 19:29:17.090: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not load it.

```



Practice 4

```

anmelgar@cis106:~$ mkdir website/docs
anmelgar@cis106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
anmelgar@cis106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
anmelgar@cis106:~$ cp Downloads/sample3.pdf website/docs/
cp: -r not specified; omitting directory 'Downloads'
cp: cannot stat 'sample3.pdf': No such file or directory
anmelgar@cis106:~$ cp Downloads/sample3.pdf website/docs/
anmelgar@cis106:~$ cp Downloads/sample4.csv website/docs/
anmelgar@cis106:~$ cp Downloads/sample3.xls website/docs/
anmelgar@cis106:~$ tree website/
website/
├── assets
│   ├── image2.png
│   └── image.png
├── docs
│   ├── sample3.pdf
│   ├── sample3.xls
│   └── sample4.csv
└── index.html

2 directories, 6 files
anmelgar@cis106:~$

```