Week Report 5

Answers to Questions:

- **What are Command Options?** Commands options are options that enhance the commands behavior.

- **What are Command Arguments?** Command arguments are items the command acts on.

- **Which command is used for creating directories? Provide at least 3 examples.** The command to create directories is mkdir.

    - Ex 1. mkdir downloads
    - Ex 2. mkdir food/apples
    - Ex 3. mkdir ~/wallpapers/fish

- **What does the touch command do? Provide at least 3 examples.** The touch command is used for creating files.

    - Ex 1. touch list
    - Ex 2. touch ~/Downloads/documents.txt
    - Ex 3. touch "wheelsofcars.txt"

- **How do you remove a file? Provide an example.** The rm command removes files.

    - Ex 1. rm fish.txt/

- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example** To remove directories with items in them, you must include -r into the rm command.

    - Ex 1. rm -r Downloads/

- **Explain the mv and cp command. Provide at least 2 examples of each** The cp command copies files and directories. The mv command moves files and directories.

    - Ex 1. cp Downloads/sword.jpg Pictures
    - Ex 2. mv Downloads/sword.jpg Pictures/

Practice 1

```
jsamaan@cis106:~$ mkdir website
jsamaan@cis106:~$ cd website/
jsamaan@cis106:~/website$ mkdir scripts assets
jsamaan@cis106:~/website$ touch index.html
jsamaan@cis106:~/website$ touch assets/image.png
jsamaan@cis106:~/website$ touch scripts/script.js
jsamaan@cis106:~/website$ tree .
.
├── assets
│   └── image.png
├── index.html
└── scripts
    └── script.js

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

Practice 2

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

Practice 3

```
jsamaan@cis106:~$ mkdir -p website/assets
jsamaan@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   1542      0 --:--:-- --:--:-- --:--:--  1543
jsamaan@cis106:~$ mv Downloads/pexels-dico-baskoro-18937801.jpg website/assets/
jsamaan@cis106:~$ mv Downloads/free-photo-of-wanna-play-football-or-drone.jpeg website/assets/
jsamaan@cis106:~$ mv website/assets/pexels-dico-baskoro-18937801.jpg website/assets/image.png
jsamaan@cis106:~$ mv website/assets/free-photo-of-wanna-play-football-or-drone.jpeg website/assets/image2.png
jsamaan@cis106:~$ 
```

Practice 4

```
jsamaan@cis106:~$ mkdir website/docs
jsamaan@cis106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
jsamaan@cis106:~$ cp Downloads/sample
cp: missing destination file operand after 'Downloads/sample'
Try 'cp --help' for more information.
jsamaan@cis106:~$ cp Downloads/sample3.pdf website/docs/
jsamaan@cis106:~$ cp Downloads/sample2.doc website/docs/
jsamaan@cis106:~$ cp Downloads/sample3.xls website/docs/
jsamaan@cis106:~$ tree website/
website/
├── assets
│   ├── image2.png
│   └── image.png
├── docs
│   ├── sample2.doc
│   ├── sample3.pdf
│   └── sample3.xls
└── index.html

2 directories, 6 files
jsamaan@cis106:~$ ▮
```