

Week Report 5

Answer following questions:

- 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? mkdir = mkdir + name of directory
- Provide at least 3 examples.
 - EX: create directory in different directory use Relative Path = mkdir wallpaper/ocean
 - EX: Absolute Path: mkdir = ~/wallpapers/forest
 - EX: create multiple directories 'mkdir movies -/Downloads/games -/Documents/hw'
- create directory w/ parent(home) directory at the same time
 - EX: create directory: assets.image/small inside website directory
 - mkdir -p ~/website/assets/images/small
- What does the touch command do? touch command = create files
 - Provide at least 3 examples.
 - EX: create file (index.html) inside directory website = touch index.html
 - EX: create file inside website/assets/images/small called logo.png = touch ~/website/assets/images/small/logo.png
 - EX: create file with space in name + touch "list of food.txt"
- How do you remove a file? rm command
 - Provide an example.
 - EX: remove script.sj & image.png file =
 - rm scripts/script.js assets/image.png
 - EX: script & assets directory = rmdir scripts/ assets/
- How do you remove a directory and can you remove non-empty directories in Linux?
- In linux you cannot remove non-empty directories : *EX: remove empty directory = rmdir *EX: remove non-empty directory = rm -r +directory name or direct absolute path *Provide an example
 - EX: remove non-empty = rm -r wallpapers
- Explain the mv and cp command.
- mv = move & rename directories

- EX: move directory from one DL directory to website/assets directory = mv Downloads/picture website/assets/
- cp = copies files/directories from a source to destination
 - EX: cp + files to copy + destination
 - EX: cp Downloads/wallpapers.zip Pictures
- To copy directories use -r
 - EX: cp -r +directory to copy + destination
- Copy w/Abs Path= cp -r ~/Downloads/wallpapers ~/Pictures/ copy these files to docs directory inside website directory
 - EX: cp Downloads/sample1.doc website/docs/

##Complete all the Practices in the Presentation:

#Practice 1

```
/garcia@cis106:~$ mkdir website
```

```
/garcia@cis106:~$ cd website/
```

```
/garcia@cis106:~/website$ mkdir scripts assets
```

```
/garcia@cis106:~/website$ touch index.html
```

```
/garcia@cis106:~/website$ █
```

```
/garcia@cis106:~/website$ touch assets/image.png
```

```
/garcia@cis106:~/website$ █
```

```
/garcia@cis106:~/website$ touch scripts/script.js
```

```
/garcia@cis106:~/website$ █
```

```
vgarcia@cis106:~/website$ tree .
```

```
.
├── assets
│   └── image.png
├── index.html
└── scripts
    └── script.js
```

```
2 directories, 3 files
```

```
vgarcia@cis106:~/website$
```

```
vgarcia@cis106:~/website$ rm scripts/script.js assets/image.png
rm: cannot remove 'assets/image.png': No such file or directory
```

```
vgarcia@cis106:~/website$ rm assets/image.png
rm: cannot remove 'assets/image.png': No such file or directory
```

```
vgarcia@cis106:~/website$ rmdir scripts/ assets/
vgarcia@cis106:~/website$
```

```
vgarcia@cis106:~/website$ cd ..
```

```
vgarcia@cis106:~$ rm -r website/
```

```
vgarcia@cis106:~$
```

#Practice 2

```
vgarcia@cis106:~$ cd /usr/share/
```

```
vgarcia@cis106:/usr/share$ pwd
```

```
/usr/share
```

```
vgarcia@cis106:/usr/share$
```

```
vgarcia@cis106:/usr/share$ mkdir ~/website
```

```
vgarcia@cis106:/usr/share$ mkdir -p ~/website/assets/images/small
```

```
vgarcia@cis106:/usr/share$
```

```
vgarcia@cis106:/usr/share$ touch ~/website/assets/images/small/logo.png
```

```
vgarcia@cis106:/usr/share$ rm ~/website/assets/images/small/logo.png
vgarcia@cis106:/usr/share$ rm -r ~/website/
vgarcia@cis106:/usr/share$
```

#Practice 3

```
vgarcia@cis106:~$ mkdir -p website/assets
vgarcia@cis106:~$
```

```
vgarcia@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    658      0 --:--:-- --:--:-- --:--:--   659
```

```
vgarcia@cis106:~$ mv Downloads/pexels-pincalo-15030785.jpg
mv: missing destination file operand after 'Downloads/pexels-pincalo-15030785.jpg'
Try 'mv --help' for more information.
```

```
vgarcia@cis106:~$ mv Downloads/pexels-pincalo-15030785.jpg website/assets/
vgarcia@cis106:~$ mv Downloads/pexels-luke-miller-17591279.jpg website/assets/
vgarcia@cis106:~$
```

```
vgarcia@cis106:~$ mv website/assets/pexels-pincalo-15030785.jpg website/assets/image.png
vgarcia@cis106:~$ mv website/assets/pexels-luke-miller-17591279.jpg website/assets/image2.png
```

```
vgarcia@cis106:~$ xdg-open website/index.html
```

#Practice 4

```
vgarcia@cis106:~$ mkdir website/docs
```

```
vgarcia@cis106:~$ cp Downloads/sample1.doc website/docs/
vgarcia@cis106:~$ cp Downloads/sample1.xls website/docs/
vgarcia@cis106:~$ cp Downloads/sample1.pdf website/docs/
```

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

Yes I can see the images