

# Week Report 5

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**What are Command Options?** *Modifies the operation of a command*

**What are Command Arguments?** *File names or other data specified for a command to be used as input.*

**Which command is used for creating directories? Provide at least 3 examples.**

1. `mkdir documents`
2. `mkdir /home/user/backup`
3. `-p photos/images`

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

1. `touch newfile.txt`
2. `touch file1.txt file2.txt file3.txt`
3. `touch existingfile.txt`

**How do you remove a file? Provide an example.** To remove a file you can use the 'rm'

1. `rm filename`
2. `rm example.txt`

**How do you remove a directory and can you remove non-empty directories in Linux? Provide an example** `rm -r` for a non-empty directory.

**Explain the mv and cp command. Provide at least 2 examples of each** *The mv command is used to move files or directories from one location to another.* `mv file.txt /path/to/new/location/`

*The cp command is used to copy files or directories from one location to another.* `cp sourcefile.txt /path/to/destination/`

## Practice 1

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

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

## Practice 2

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

## Practice 3

```
1: evreynoso@cis106: ~  
evreynoso@cis106:~$ mkdir website  
evreynoso@cis106:~$ mkdir website/assets  
evreynoso@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 0 810 0 0 0 0 0 812  
evreynoso@cis106:~$ mv website/assets/pexels-alexas-fotos-2173872.jpg website/assets/image.png  
mv: cannot move 'website/assets/pexels-alexas-fotos-2173872.jpg' to 'website/assets/image.png':  
File exists  
evreynoso@cis106:~$ mv Downloads/pexels-alexas-fotos-2173872.jpg Downloads/pexels-evg-kowalievskaja-1170986.jpg website/assets  
evreynoso@cis106:~$ mv website/assets/pexels-alexas-fotos-2173872.jpg website/assets/image.png  
evreynoso@cis106:~$ mv pexels-evg-kowalievskaja-1170986.jpg website/assets/image2.png  
mv: cannot move 'pexels-evg-kowalievskaja-1170986.jpg' to 'website/assets/image2.png':  
File exists  
evreynoso@cis106:~$ mv website/assets/pexels-evg-kowalievskaja-1170986.jpg website/assets/image2.png  
evreynoso@cis106:~$
```

Sample site



## Practice 4

```
← 1: evreynoso@cis106: ~ ▾
evreynoso@cis106:~$ mkdir website/docs
evreynoso@cis106:~$ cp Downloads/sample1.doc Downloads/sample1.pdf Downloads/sample1.xls website/docs
evreynoso@cis106:~$ cp Downloads/sample1.doc Downloads/sample1.pdf Downloads/sample1.xls website/docs
evreynoso@cis106:~$ tree website/docs
website/docs
├── sample1.doc
├── sample1.pdf
└── sample1.xls

0 directories, 3 files
evreynoso@cis106:~$
```

1. From the previous practice, you have a directory called `website`. If you do not have this folder, create it.

2. In the `website` directory, create a directory called `docs`.

3. Download a sample `doc`, `xls` and `pdf` file from this [website](#).

4. Copy these files to the `docs` directory inside the `website` directory.