

# Week Report 5

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## Answer To Questions:

- **What are Command Options?**

Options modify/enhance the behavior of a linux terminal command

- **What are Command Arguments?**

Arguments are items the command acts on, such as files or directories

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

The Command is mkdir

- this command makes directories (folders)
- mkdir + name of directory
  - 1: mkdir DogPictures
  - 2: mkdir ~/Downloads/PuppyPictures
  - 3: mkdir ~/Downloads/PuppyPictures/GoldenRetriever
- **What does the touch command do? Provide at least 3 examples.**

The Touch command creates files

- touch name of file
  - 1: touch list.txt
  - 2: touch script.py
  - 3: touch ~/Downloads/PuppyPictures/HelloWorld.js
- **How do you remove a file? Provide an example.**

rm removes files

- rm ~/Downloads/PuppyPictures/HelloWorld.js
- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example**

You cannot remove non empty directories in linux you must use the -r option

- rm -r directory name/path
- **Explain the mv and cp command. Provide at least 2 examples of each**

mv moves and renames files

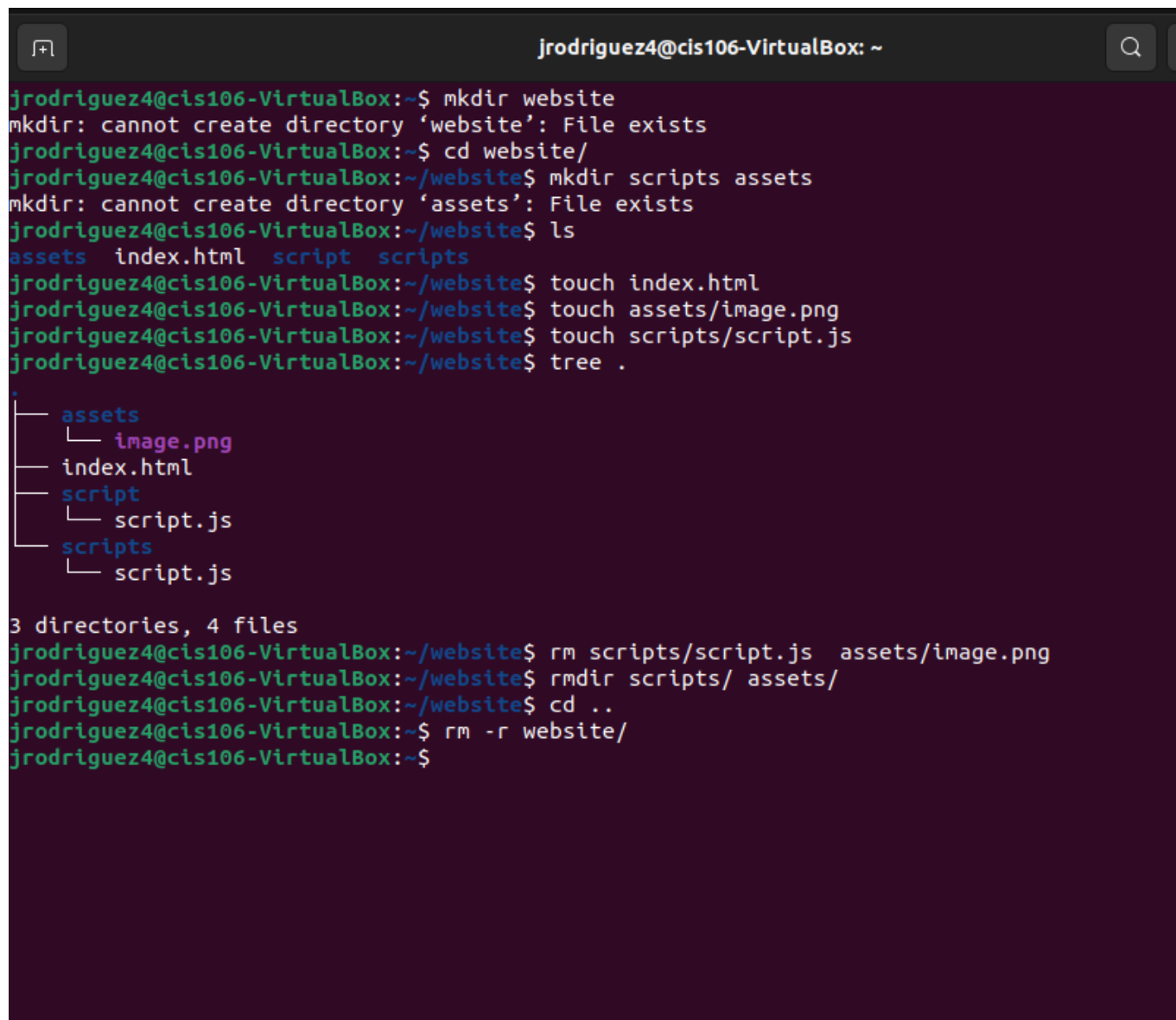
- 1: mv ~/Downloads/PuppyPictures/HelloWorld.js ~/Downloads/JavaScript/GoodByeWorld.js

- 2: mv ~/Downloads/text.txt ~/Documents/

cp copies files and directories

- 1: cp text.txt ~/Downloads/JavaScript/
- 2: cp Downloads/Wallpapers.zip Pictures/

## Practice 1



```
jrodriguez4@cis106-VirtualBox: ~  
jrodriguez4@cis106-VirtualBox:~$ mkdir website  
mkdir: cannot create directory 'website': File exists  
jrodriguez4@cis106-VirtualBox:~$ cd website/  
jrodriguez4@cis106-VirtualBox:~/website$ mkdir scripts assets  
mkdir: cannot create directory 'assets': File exists  
jrodriguez4@cis106-VirtualBox:~/website$ ls  
assets  index.html  script  scripts  
jrodriguez4@cis106-VirtualBox:~/website$ touch index.html  
jrodriguez4@cis106-VirtualBox:~/website$ touch assets/image.png  
jrodriguez4@cis106-VirtualBox:~/website$ touch scripts/script.js  
jrodriguez4@cis106-VirtualBox:~/website$ tree .  
.  
├── assets  
│   └── image.png  
├── index.html  
├── script  
│   └── script.js  
└── scripts  
    └── script.js  
  
3 directories, 4 files  
jrodriguez4@cis106-VirtualBox:~/website$ rm scripts/script.js assets/image.png  
jrodriguez4@cis106-VirtualBox:~/website$ rmdir scripts/ assets/  
jrodriguez4@cis106-VirtualBox:~/website$ cd ..  
jrodriguez4@cis106-VirtualBox:~$ rm -r website/  
jrodriguez4@cis106-VirtualBox:~$
```

## Practice 2

```

Activities Terminal
jrodriguez4@cis106-VirtualBox: /usr/share

jrodriguez4@cis106-VirtualBox:~$ cd /usr/share/
jrodriguez4@cis106-VirtualBox:/usr/share$ mkdir ~/website
jrodriguez4@cis106-VirtualBox:/usr/share$ mkdir -p ~/website/assets/images/small
jrodriguez4@cis106-VirtualBox:/usr/share$ touch ~/website/assets/images/small/logo.png
jrodriguez4@cis106-VirtualBox:/usr/share$ rm ~/website/assets/images/small/logo.png
jrodriguez4@cis106-VirtualBox:/usr/share$ rm -r ~/website/
jrodriguez4@cis106-VirtualBox:/usr/share$

```


## Practice 3

```

jrodriguez4@cis106-VirtualBox: ~
jrodriguez4@cis106-VirtualBox:/usr/share$ cd ~
jrodriguez4@cis106-VirtualBox:~$ mkdir -p website/assets
jrodriguez4@cis106-VirtualBox:~$ curl https://cis106.com/assets/sampleSite.txt -o ~/website/index.html
jrodriguez4@cis106-VirtualBox:~$ mv Downloads/free-photo-of-bl
free-photo-of-blond-in-cap-and-jacket.jpeg
free-photo-of-blue-motor-scooter-standing-outside-a-beauty-center.jpeg
jrodriguez4@cis106-VirtualBox:~$ mv Downloads/free-photo-of-blue-motor-scooter-standing-outside-a-be
center.jpeg ~/website/assets/image.png
jrodriguez4@cis106-VirtualBox:~$ mv Downloads/pexels-photo-14661918.jpeg ~/website/assets/image2.png
jrodriguez4@cis106-VirtualBox:~$ curl https://cis106.com/assets/sampleSite.txt -o ~/website/index.html
jrodriguez4@cis106-VirtualBox:~$

```

Sample site



```

<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
  <h1>
    Sample site
  </h1>
  
  
</body>
</html>
curl: (3) URL using bad/illegal format or missing URL
jrodriguez4@cis106-VirtualBox:~$ mv Downloads/free-photo-of-bl
free-photo-of-blond-in-cap-and-jacket.jpeg
free-photo-of-blue-motor-scooter-standing-outside-a-beauty-center.jpeg
jrodriguez4@cis106-VirtualBox:~$ mv Downloads/free-photo-of-blue-motor-scooter-standing-outside-a-be
center.jpeg ~/website/assets/image.png
jrodriguez4@cis106-VirtualBox:~$ mv Downloads/pexels-photo-14661918.jpeg ~/website/assets/image2.png
jrodriguez4@cis106-VirtualBox:~$ curl https://cis106.com/assets/sampleSite.txt -o ~/website/index.html
jrodriguez4@cis106-VirtualBox:~$

```

## Practice 4

```
jrodriguez4@cis106-VirtualBox: ~  
jrodriguez4@cis106-VirtualBox:~$ mkdir website/docs  
jrodriguez4@cis106-VirtualBox:~$ cp Downloads/sample  
cp: missing destination file operand after 'Downloads/sample'  
Try 'cp --help' for more information.  
jrodriguez4@cis106-VirtualBox:~$ mv ~/Downloads/sample3.pdf ~/Downloads/sample2.xls ~/Downloads/sample3.p  
df ~/website/docs/  
mv: cannot stat '/home/jrodriguez4/Downloads/sample3.pdf': No such file or directory  
jrodriguez4@cis106-VirtualBox:~$ ls Downloads/  
code_1.82.2-1694671812_amd64.deb          one.txt  
free-photo-of-blonde-in-cap-and-jacket.jpeg  practicels  
Games                                     practicels.tar.xz  
lab4.md                                  sample1.doc  
'Linux Workshop Ubuntu Software installation cheat sheet.png'  Three.jpeg  
'MANAGING FILES AND DIRECTORIES CHEAT SHEET(1).png'             three.txt  
'MANAGING FILES AND DIRECTORIES CHEAT SHEET(2).png'             Two.jpeg  
'MANAGING FILES AND DIRECTORIES CHEAT SHEET.png'               two.txt  
One.jpeg  
jrodriguez4@cis106-VirtualBox:~$ ls website/docs/  
sample2.xls  sample3.pdf  
jrodriguez4@cis106-VirtualBox:~$ mv ~/Downloads/sample1.doc website/docs/  
jrodriguez4@cis106-VirtualBox:~$ ls website/docs/  
sample1.doc  sample2.xls  sample3.pdf  
jrodriguez4@cis106-VirtualBox:~$
```