

# Week Report 5

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## What are command options?

Command options are options that modify or enhance a command.

## What are command arguments?

Arguments are what the command acts on or does something to.

## What command is used for creating directories?

mkdir is used 3 examples of using it are: mkdir linux mkdir -p chips/cookies chips mkdir /home/ssgunthrope/flowers

## What Does the touch command do?

The touch command is used to create files examples are: touch chips touch /home/ssgunthrope/chips touch chips.txt

## How do you remove a file?

To remove a file you have to use the rm command like so: rm chips.txt

## How do you remove a directory and can you remove non empty directories in Linux?

To remove a directory it is done with the rm command however you have to use options to remove a directory the command rm -d will remove a directory that is empty and to remove a directory that is not empty you have to use rm -r.

## Explain the mv and cp command

The mv command is used to rename or move directories and files examples of using it to rename are mv chips cookies and examples of moving files are mv chips Downloads/ this moves the file from home to downloads.

The cp command is used to copy files from a source to a destination examples of it are: cp Downloads/oil.txt Documents/

## Practice 1

```

ssgunthrope@cis106vm:~$ mkdir -p website/assets website/script
ssgunthrope@cis106vm:~$ ls website
assets  script
ssgunthrope@cis106vm:~$ touch website/index.html
ssgunthrope@cis106vm:~$ touch website/assets/image.png
ssgunthrope@cis106vm:~$ touch website/script/script.js
ssgunthrope@cis106vm:~$ tree website/
website/
├── assets
│   └── image.png
├── index.html
└── script
    └── script.js

2 directories, 3 files
ssgunthrope@cis106vm:~$ rm website/assets/image.png
ssgunthrope@cis106vm:~$ rm website/script/script.js
ssgunthrope@cis106vm:~$ rm -d website/script/ website/assets/
ssgunthrope@cis106vm:~$ ls website
index.html
ssgunthrope@cis106vm:~$ rm -r website
ssgunthrope@cis106vm:~$ _

```

## Practice 2

```

ssgunthrope@cis106vm:~$ cd /usr/share/
ssgunthrope@cis106vm:/usr/share$ mkdir /home/ssgunthrope/website
ssgunthrope@cis106vm:/usr/share$ mkdir -p ~/website/assets/images/small
ssgunthrope@cis106vm:/usr/share$ touch ~/website/assets/images/small/logo.png
ssgunthrope@cis106vm:/usr/share$ rm ~/website/assets/images/small/logo.png
ssgunthrope@cis106vm:/usr/share$ rm -r ~/website/

```

## Practice 3

```

ssgunthrope@cis106vm:~$ mkdir -p website/assets
ssgunthrope@cis106vm:~$ curl http://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  162  100  162    0     0  1875      0 --:--:-- --:--:-- --:--:-- 1883
ssgunthrope@cis106vm:~$ ls Downloads/
funstuff  lab4files.zip  pexels-nati-16776919.jpg  practicels.tar.xz
Games1    mygames        pexels-tony-lai-18972776.jpg  'week report.png'
Games2    oil            'practicels.tar(1).xz'
ssgunthrope@cis106vm:~$ mv Downloads/pexels-nati-16776919.jpg website/
assets/      index.html
ssgunthrope@cis106vm:~$ mv Downloads/pexels-nati-16776919.jpg website/assets/
ssgunthrope@cis106vm:~$ mv Downloads/pexels-tony-lai-18972776.jpg website/assets/
ssgunthrope@cis106vm:~$ mv website/assets/pexels-nati-16776919.jpg website/assets/nati.png
ssgunthrope@cis106vm:~$ mv website/assets/pexels-tony-lai-18972776.jpg website/assets/tony.png
ssgunthrope@cis106vm:~$ 301 moved Permanently error

```

## Practice 4

```
ssgunthrope@cis106vm:~$ mkdir -p website/docs
ssgunthrope@cis106vm:~$ cp Documents/ Downloads/
ssgunthrope@cis106vm:~$ cp Downloads/sample1.doc website/docs/
ssgunthrope@cis106vm:~$ ls Downloads/
funstuff  Games2      mygames  'practicels.tar(1).xz'  sample1.doc  'week report.png'
Games1    lab4files.zip  oil      practicels.tar.xz      sample3.xls
ssgunthrope@cis106vm:~$ cp Downloads/sample3.xls website/docs/
ssgunthrope@cis106vm:~$ cp Downloads/sample1.pdf website/docs/
ssgunthrope@cis106vm:~$ tree website/
website/
├── assets
│   ├── nati.png
│   └── tony.png
├── docs
│   ├── sample1.doc
│   ├── sample1.pdf
│   └── sample3.xls
└── index.html

2 directories, 6 files
ssgunthrope@cis106vm:~$
```