

Week 5 report submission

Answers to the following questions:

What are Command Options?

- Command options are settings built into commands that alter what the command does. i.e "ls -l" if the "-l" option was not added we would not be given a list of files in the chosen directory.

What are Command Arguments?

Arguments is the actual directory that will be affected by the command and option.

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

The command used to create directory is **mkdir**.

- ***Three Example of the command above is:***

Example 1

Create "LabFile5" in YOUR home directory.

```
mkdir ~/LabFile5
```

Example 2

Creating multiple directory in one line

```
mkdir file1 file2 file3
```

Example 3

Creating a directory with a space in the name

```
mkdir ~/'citi bank'
```

Without quotation

```
mkdir ~/Downloads\ Junk Mail
```

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

Touch creates a file.

- ***Three examples on using the command touch***

Example 1 - touch

Create a file in YOUR home directory with a file extension.

```
touch dontTouchmeImScared.txt
```

Example 2 - touch

Create multiple files in YOUR home directory

```
touch website.html script StudentsName.csv
```

Example 3 - touch

Create a file in YOUR home directory with spacing in the name.

```
touch "List of games"
```

How do you remove a file? Provide an example.

- Removing a file using the terminal is with the command **rm**.
 - ***Examples of using the rm command for a directory***

Example - removing a file

remove an file named "SavedSecret" in YOUR home directory.

```
rm ~/Downloads/SavedSecrets
```

How do you remove a directory and can you remove non-empty directories in Linux? Provide an example

Example - removing *non-empty* directory

remove a non-empty Directory in YOUR home directory.

```
rm -r ~/Downloads
```

Example - removing *empty* directories

remove an empty Directory named "SavedSecret" in YOUR home directory.

```
rmdir ~/Downloads/SavedSecrets
```

Explain the mv and cp command. Provide at least 2 examples of each

- MV - moves files or rename files
 - Example - using **mv** to move files and rename files

Move file from the directory Downloads to Development located inside Documents.

```
mv Downloads/code ~/Documents/Development
```

Rename file inside of Downloads from Lab-5 to LAB-6

```
mv Downloads/Lab-5 Lab-6
```

- CP - copies over files from one directory to another.
 - Example - Using cp to copy files.

Copies over file from one directory to another

```
cp Downloads/movie Documents/hobbies
```

Copying multiple files

```
cp -r script.html school.pptx assignment /Documents/  
Copiedfiles/
```

Practice Solution

Practice 1

```
Tilix: espaghetty@Emperor: ~  
1: espaghetty@Emperor: ~  
2: espaghetty@Emperor: ~  
espaghetty@Emperor:~$ mkdir website  
espaghetty@Emperor:~$ cd website/  
espaghetty@Emperor:~/website$ mkdir script as  
sets  
espaghetty@Emperor:~/website$ touch index.htm  
l  
espaghetty@Emperor:~/website$ touch assets/im  
g.png; touch script/script.js  
espaghetty@Emperor:~/website$ rm script/scip  
t.js; rm assets/img.png  
espaghetty@Emperor:~/website$ rm script asset  
s  
rm: cannot remove 'script': Is a directory  
rm: cannot remove 'assets': Is a directory  
espaghetty@Emperor:~/website$ rmdir script as  
sets  
espaghetty@Emperor:~/website$ rm -r ~/website  
/  
espaghetty@Emperor:~/website$ cd  
espaghetty@Emperor:~$ _  
espaghetty@Emperor:~$ ls website/  
assets  script  
espaghetty@Emperor:~$ tree website/  
website/  
├── assets  
│   └── img.png  
├── index.html  
└── script  
    └── script.js  
espaghetty@Emperor:~$ ls website/  
index.html  
espaghetty@Emperor:~$ ls  
assets  Espaghetty  script  
cis106  lab4files  snap  
Desktop  Music  Templates  
Documents  Pictures  Videos  
Downloads  Public  
espaghetty@Emperor:~$ _
```

Practice 2

```

Tilix: espaghetty@Emperor: ~
1: espaghetty@Emperor: /usr/share
2: espaghetty@Emperor: ~

espaghetty@Emperor:~/website$ cd /usr/share/
espaghetty@Emperor:/usr/share$ mkdir ~/website/
espaghetty@Emperor:/usr/share$ mkdir -p ~/website/assets/images/small
espaghetty@Emperor:/usr/share$ touch ~/website/assets/images/small/logo.png
espaghetty@Emperor:/usr/share$ rm ~/website/assets/images/small/logo.png
espaghetty@Emperor:/usr/share$ rm -r ~/website/
espaghetty@Emperor:/usr/share$ _

espaghetty@Emperor:~$ tree ~/website/
~/website/
├── assets
│   └── images
│       └── small
│           └── logo.png
└── 3 directories, 1 file

espaghetty@Emperor:~$ tree ~/website/
~/website/
├── assets
│   └── images
│       └── small
└── 3 directories, 0 files

espaghetty@Emperor:~$ tree ~/home/espaghetty
~/home/espaghetty
├── cis106
│   └── Labs
│       ├── Lab 1
│       │   ├── johndoeinfo.txt
│       │   ├── johndoe.jpeg
│       │   ├── JohnDoe_Resume.html
│       │   ├── JohnDoe_Resume.md
│       │   ├── JohnDoe_Resume.pdf
│       │   ├── resume.png
│       │   ├── ubuntu-logo.png
│       │   ├── what-is-ubuntu.pdf
│       │   └── What_is_ubuntu_submission copy
│       └── Lab 2
│           ├── What_is_ubuntu_submission.md
│           ├── What_is_ubuntu_submission.pdf
│           └── whatisubuntu.txt
└── .html

```

Practice 3

Sample site

```

file:///home/espaghetty/website/index.html

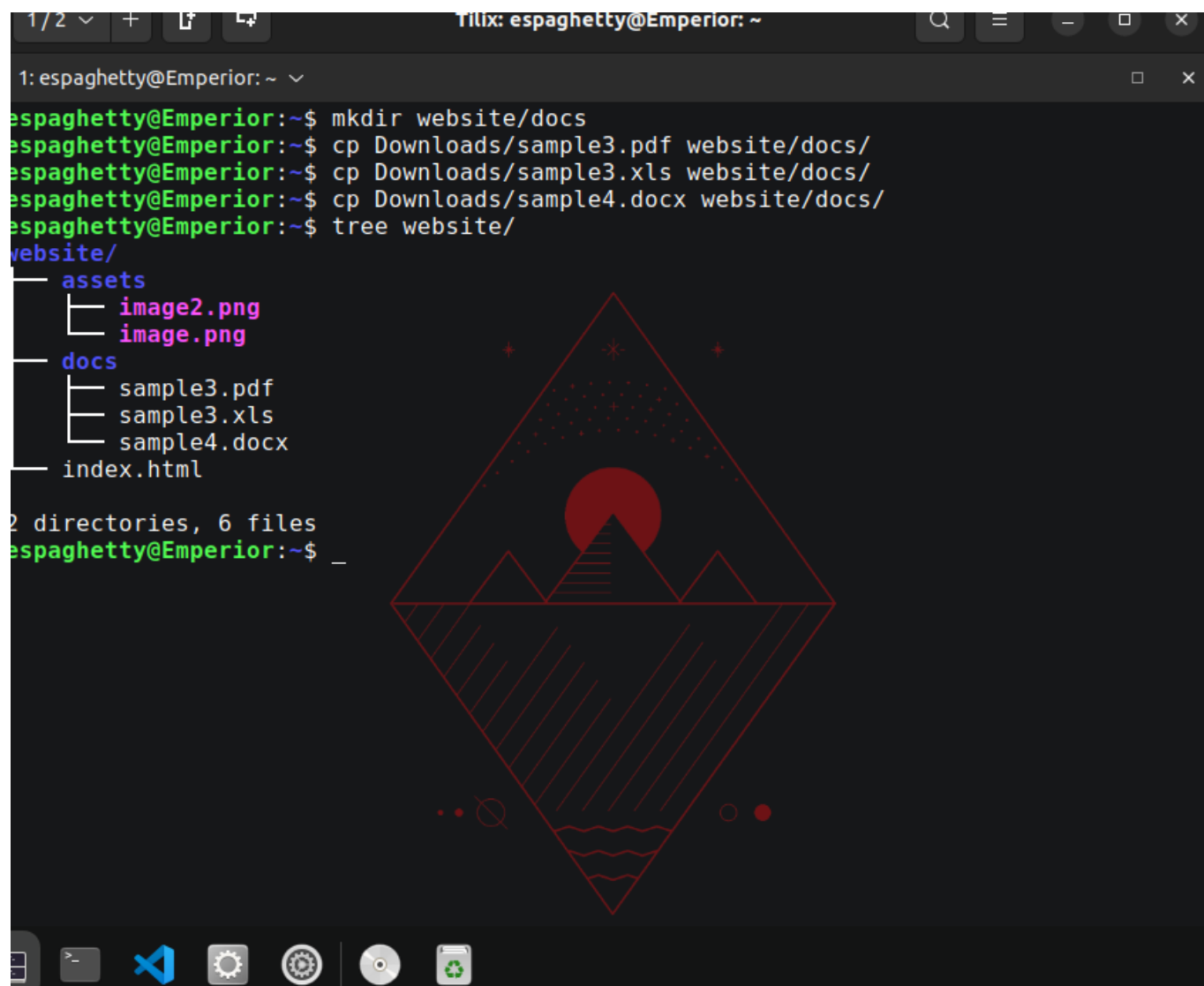
Tilix: espaghetty@Emperor: ~
1: espaghetty@Emperor: ~
2: espaghetty@Emperor: ~

espaghetty@Emperor:~$ mv Downloads/pexels-satya-deep-3158814.jpg website/assets/image2.png
espaghetty@Emperor:~$ cat website/index.html
<!DOCTYPE html>
<html lang="en">
<head>
  <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>

espaghetty@Emperor:~$ open website/index.html
espaghetty@Emperor:~$
Gtk-Message: 14:01:30.490: Failed to load module "xapp-gtk3-module"
Gtk-Message: 14:01:30.490: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not load it.
(firefox:6721): Gtk-WARNING **: 14:01:30.720: GTK+ module /snap/firefox/3290/gnome-platform/usr/lib/gtk-2.0/modules/libcanberra-gtk-module.so cannot be loaded.
GTK+ 2.x symbols detected. Using GTK+ 2.x and GTK+ 3 in the same process is not supported.
Gtk-Message: 14:01:30.721: Failed to load module "canberra-gtk-module"
(firefox:6721): Gtk-WARNING **: 14:01:30.723: GTK+ module /snap/firefox/3290/gnome-platform/usr/lib/gtk-2.0/modules/libcanberra-gtk-module.so cannot be loaded.
GTK+ 2.x symbols detected. Using GTK+ 2.x and GTK+ 3 in the same process is not supported.
Gtk-Message: 14:01:30.723: Failed to load module "canberra-gtk-module"
espaghetty@Emperor:~$ _

```

Practice 4



The image shows a terminal window titled "Tilix: espaghetty@Emperor: ~". The user has executed the following commands:

```
1: espaghetty@Emperor: ~  
espaghetty@Emperor:~$ mkdir website/docs  
espaghetty@Emperor:~$ cp Downloads/sample3.pdf website/docs/  
espaghetty@Emperor:~$ cp Downloads/sample3.xls website/docs/  
espaghetty@Emperor:~$ cp Downloads/sample4.docx website/docs/  
espaghetty@Emperor:~$ tree website/  
website/  
├── assets  
│   ├── image2.png  
│   └── image.png  
├── docs  
│   ├── sample3.pdf  
│   ├── sample3.xls  
│   └── sample4.docx  
└── index.html  
2 directories, 6 files  
espaghetty@Emperor:~$ _
```

Overlaid on the terminal output is a large, intricate red geometric drawing. It features a central diamond shape containing a sun-like circle, a pyramid, and various lines and patterns. The drawing is composed of many small red lines and dots, creating a complex, abstract design.

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