Week Report 5

What are Command Options? That modify or enhance their behavior. **What are Command Arguments?** Which are the items the commands acts on. **Which command is used for creating directories? Provide at least 3 examples.** mkdir is used for creating directories. Example 1: "mkdir red" Example 2: mkdir pictures/sunset Example 3: mkdir pictures/" john's car"

What does the touch command do? Provide at least 3 examples. touch is used for creating files Example 1: touch cars Example 2: touch ~/Pictures/Venice.txt Example 3: touch Pictures/Vacation.txt

How do you remove a file? Provide an example. To remove a file use a command rm Example: rm cars

How do you remove a directory and can you remove non-empty directories in Linux? Provide an example To remove a directory you can use command rmdir , yes you can remove a non-empty directories in Linux Example: rm -r Pictures/Venice

Explain the mv and cp command. Provide at least 2 examples of each mv- moves and renames directories. cp- cp copies files/directories from a source to a destination.

mv example example 1: mv Downloads/homework.pdf Documents/ example 2: sudo mv ~/Downloads/theme /usr/share/themes

cp example example 1: cp Downloads/Wallpapers.zip Pictures/ example 2: cp -r ~/Downloads/wallpapers ~/Pictures/

Practices in the Presentation

Practice 1

```
mohammedc@mohammedc-VirtualBox:~$ mkdir website
mohammedc@mohammedc-VirtualBox:~$ cd website/
mohammedc@mohammedc-VirtualBox:~/website$ mkdir script assets
mohammedc@mohammedc-VirtualBox:~/website$ touch index.html
mohammedc@mohammedc-VirtualBox:~/website$ touch assets/image.png
mohammedc@mohammedc-VirtualBox:~/website$ touch script/script.js
mohammedc@mohammedc-VirtualBox:~/website$ tree .
.
├── assets
│   └── image.png
├── index.html
└── script
    └── script.js

2 directories, 3 files
mohammedc@mohammedc-VirtualBox:~/website$ rm script/script.js
mohammedc@mohammedc-VirtualBox:~/website$ em assets/image.png
em: command not found
mohammedc@mohammedc-VirtualBox:~/website$ rm assets/image.png
mohammedc@mohammedc-VirtualBox:~/website$ rm -r script/ assets/
mohammedc@mohammedc-VirtualBox:~/website$ cd ../
mohammedc@mohammedc-VirtualBox:~$ rm website/ -r
mohammedc@mohammedc-VirtualBox:~$ _
```

```
1: mohammedc@mohammedc-VirtualBox: /usr/share  ∨
mohammedc@mohammedc-VirtualBox:~$ cd /usr/share/
mohammedc@mohammedc-VirtualBox:/usr/share$ mkdir ~/website
mohammedc@mohammedc-VirtualBox:/usr/share$ mkdir -p ~/website/assets/images/small
mohammedc@mohammedc-VirtualBox:/usr/share$ touch ~/website/assets/images/small/logo.png
mohammedc@mohammedc-VirtualBox:/usr/share$ rm ~/website/assets/images/small/logo.png
mohammedc@mohammedc-VirtualBox:/usr/share$ rm -r ~/website/
mohammedc@mohammedc-VirtualBox:/usr/share$ _
```

```
tesite.txt -o ~/website/index.html
 % Total     % Received % Xferd  Average Speed   Time    Time     Ti
e  Current
                                   Dload  Upload   Total   Spent    Le
t  Speed
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:-
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:-
  0     0    0     0    0     0      0      0 --:--:--  0:00:02 --:-
 00   372  100   372    0     0    168      0  0:00:02  0:00:02 --:-
:--   168
ohammedc@mohammedc-VirtualBox:~$ mv Downloads/pexels-josh-hild-1646
979.jpg  website/assets/
ohammedc@mohammedc-VirtualBox:~$ mv Downloads/pexels-nike-ossler-19
69623.jpg  website/assets/
ohammedc@mohammedc-VirtualBox:~$ mv website/pexels-josh-hild-164659
9.jpg website/assets/image.png
v: cannot stat 'website/pexels-josh-hild-16465979.jpg': No such fil
 or directory
ohammedc@mohammedc-VirtualBox:~$ mv website/assets/pexels-josh-moha
ohammedc@mohammedc-VirtualBox:~$ mv website/assets/pexels-josh-hold
16465979.jpg  website/assets/image.png
v: cannot stat 'website/assets/pexels-josh-hold-16465979.jpg': No s
ch file or directory
ohammedc@mohammedc-VirtualBox:~$ mv website/assets/pexels-josh-hold
16465979.jpg  website/assets/image.png
v: cannot stat 'website/assets/pexels-josh-hold-16465979.jpg': No s
ch file or directory
ohammedc@mohammedc-VirtualBox:~$ mv website/assets/pexels-nike-ossl
r-19369623.jpg  website/assets/image.png
ohammedc@mohammedc-VirtualBox:~$ xdg-open website/index.html
```

```
mohammedc@mohammedc-VirtualBox:~$ cp Downloads/sample3.pdf website/docs/
mohammedc@mohammedc-VirtualBox:~$ cp Downloads/sample3.xls website/docs/
mohammedc@mohammedc-VirtualBox:~$ cp Downloads/sample4.csv website/docs/
mohammedc@mohammedc-VirtualBox:~$ tree website/
website/
├── assets
│   └── image.png
├── docs
│   ├── sample3.pdf
│   ├── sample3.xls
│   └── sample4.csv
└── index.html

2 directories, 5 files
mohammedc@mohammedc-VirtualBox:~$
```