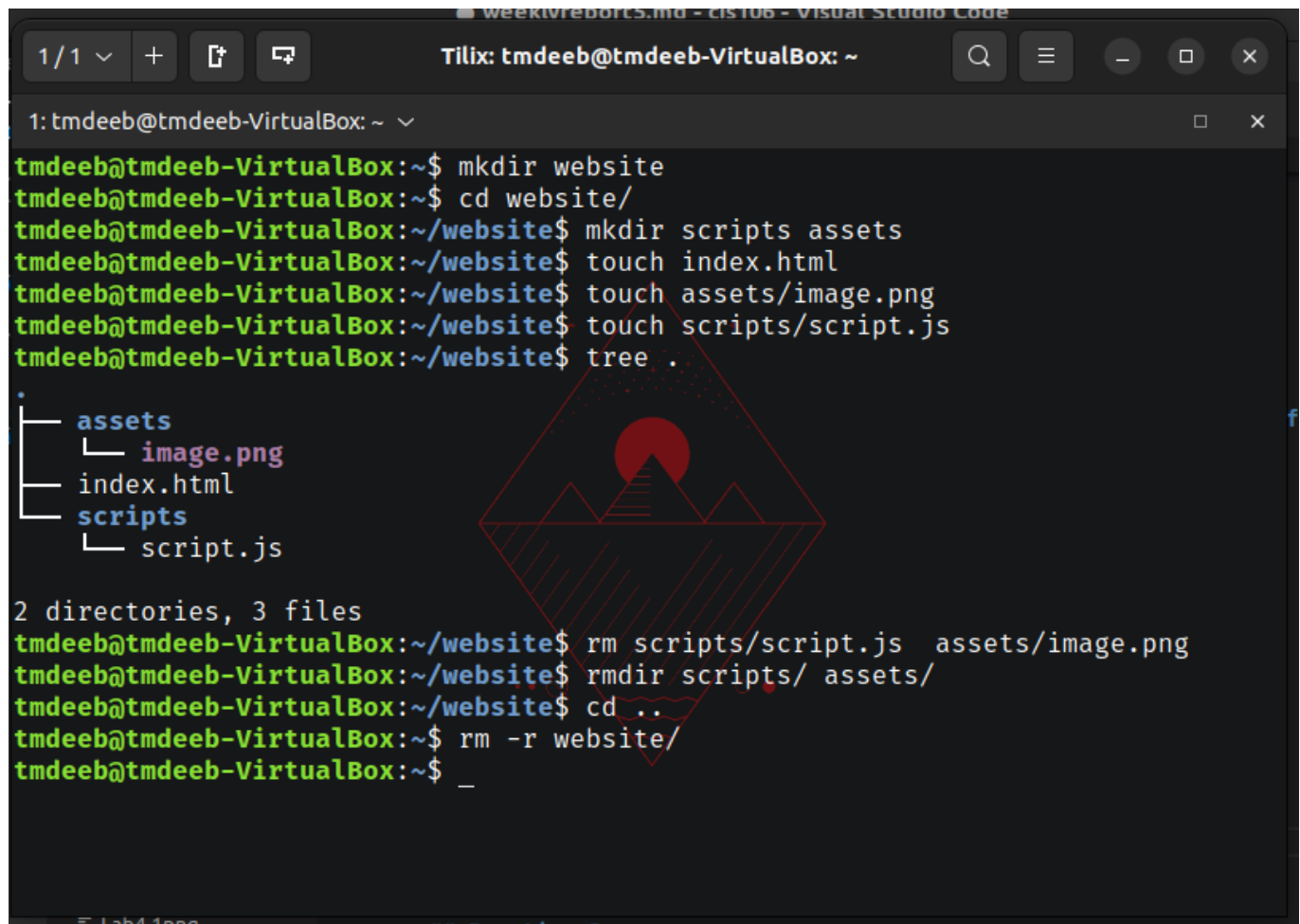


Week Report 5

Answers for questions:

- **What are Command Options?** Command options are a set of characters or words that follow a command.
- **What are Command Arguments?** Command Arguments are parameters that are given on the system command line.
- **Which command is used for creating directories? Provide at least 3 examples.** The mkdir command is used to create directories.
 - example 1:
 - Create: mkdir potatoes
 - example 2:
 - Create multiple directories: mkdir games ~/Downloads/puzzle games ~/Downloads/action games
- **What does the touch command do? Provide at least 3 examples.** The touch command can:
 - create multiple files
 - example 1: touch RPGs Adventure Sci-Fi
 - set timestamp
 - example 2: touch -t Anniversary
 - set file timestamps with dates
 - example 3: touch -d 22 March 2018
- **How do you remove a file? Provide an example.** Use the rm command with the file's name.
 - example 1: rm Pictures
- **How do you remove a directory and can you remove non-empty directories in Linux? Provide an example** You can remove a directory with the rmdir command.
 - example 1: rmdir Photos Non-empty directories can be removed with the rm -r command.
 - example 2: rm -r Vacation2020
- **Explain the mv and cp command. Provide at least 2 examples of each** The mv command can move files or directories
 - example 1: mv cat1.png ~/Pictures rename files or directories
 - example 2: mv cat2.png ~/Pictures/OrangeTabby.png The cp command can copy a file
 - example 1: cp ~/Pictures/OrangeTabby.png ~/Pictures/cats copy a directory
 - example 2: cp -R ~/Downloads/photos ~/Pics/

Practice 1



```
1: tmdeeb@tmdeeb-VirtualBox: ~  
tmdeeb@tmdeeb-VirtualBox:~$ mkdir website  
tmdeeb@tmdeeb-VirtualBox:~$ cd website/  
tmdeeb@tmdeeb-VirtualBox:~/website$ mkdir scripts assets  
tmdeeb@tmdeeb-VirtualBox:~/website$ touch index.html  
tmdeeb@tmdeeb-VirtualBox:~/website$ touch assets/image.png  
tmdeeb@tmdeeb-VirtualBox:~/website$ touch scripts/script.js  
tmdeeb@tmdeeb-VirtualBox:~/website$ tree .  
.  
├── assets  
│   └── image.png  
├── index.html  
└── scripts  
    └── script.js  
  
2 directories, 3 files  
tmdeeb@tmdeeb-VirtualBox:~/website$ rm scripts/script.js assets/image.png  
tmdeeb@tmdeeb-VirtualBox:~/website$ rmdir scripts/ assets/  
tmdeeb@tmdeeb-VirtualBox:~/website$ cd ..  
tmdeeb@tmdeeb-VirtualBox:~$ rm -r website/  
tmdeeb@tmdeeb-VirtualBox:~$ _
```

Practice 2

```
weeklyreport5.md - cis106 - Visual Studio Code
1/1 + [Share] [Run] Tilix: tmdeeb@tmdeeb-VirtualBox: /usr/share

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

Practice 3

```
weeklyreports.md - cis106 - Visual Studio Code
index.html - /home/tmdeeb/website - Geany

File Edit Search View Document Project Build Tools Help
Symbols index.html
H1 Headings Sample site [12]
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Document</title>
8 </head>
9 <body>
10   <h1>
11     Sample site
12   </h1>
13   
14   
15 </body>
16 </html>
17

09:41:04: This is Geany 1.38.
09:41:04: File /home/tmdeeb/website/index.html opened (1).
Status
This is Geany 1.38.

Homework 5 | Linux Fundamentals | Managing Files and Directories
1/1 + [Share] [Run] Tilix: tmdeeb@tmdeeb-VirtualBox: ~

1: tmdeeb@tmdeeb-VirtualBox: ~
tmdeeb@tmdeeb-VirtualBox:~$ mkdir -p website/assets
tmdeeb@tmdeeb-VirtualBox:~$ curl https://cis106.com/assets/samplesite.txt -o ~/website/assets/samplesite.txt
tmdeeb@tmdeeb-VirtualBox:~$ mv Downloads/pancake.jpg website/assets/pancake.jpg
tmdeeb@tmdeeb-VirtualBox:~$ mv Downloads/burger.jpg website/assets/burger.jpg
tmdeeb@tmdeeb-VirtualBox:~$ mv website/assets/pancake.jpg website/assets/image.jpg
tmdeeb@tmdeeb-VirtualBox:~$ mv website/assets/burger.jpg website/assets/image2.jpg
tmdeeb@tmdeeb-VirtualBox:~$ xdg-open website/index.html
tmdeeb@tmdeeb-VirtualBox:~$ _
```

Practice 4

```
Tilix: tmdeeb@tmdeeb-VirtualBox: ~  
1: tmdeeb@tmdeeb-VirtualBox: ~  
tmdeeb@tmdeeb-VirtualBox:~$ mkdir website/docs  
tmdeeb@tmdeeb-VirtualBox:~$ cp Downloads/sample  
cp: missing destination file operand after 'Downloads/sample'  
Try 'cp --help' for more information.  
tmdeeb@tmdeeb-VirtualBox:~$ cp Downloads/sample2.doc website/docs/  
tmdeeb@tmdeeb-VirtualBox:~$ cp Downloads/sample3.pdf website/docs/  
tmdeeb@tmdeeb-VirtualBox:~$ cp Downloads/sample3.xls website/docs/  
tmdeeb@tmdeeb-VirtualBox:~$ tree website/  
website/  
├── assets  
│   ├── image2.jpg  
│   └── image.jpg  
├── docs  
│   ├── sample2.doc  
│   ├── sample3.pdf  
│   └── sample3.xls  
└── index.html  
  
2 directories, 6 files  
tmdeeb@tmdeeb-VirtualBox:~$ _
```