

Command Line Interface Hands-on 1 - Observation Report

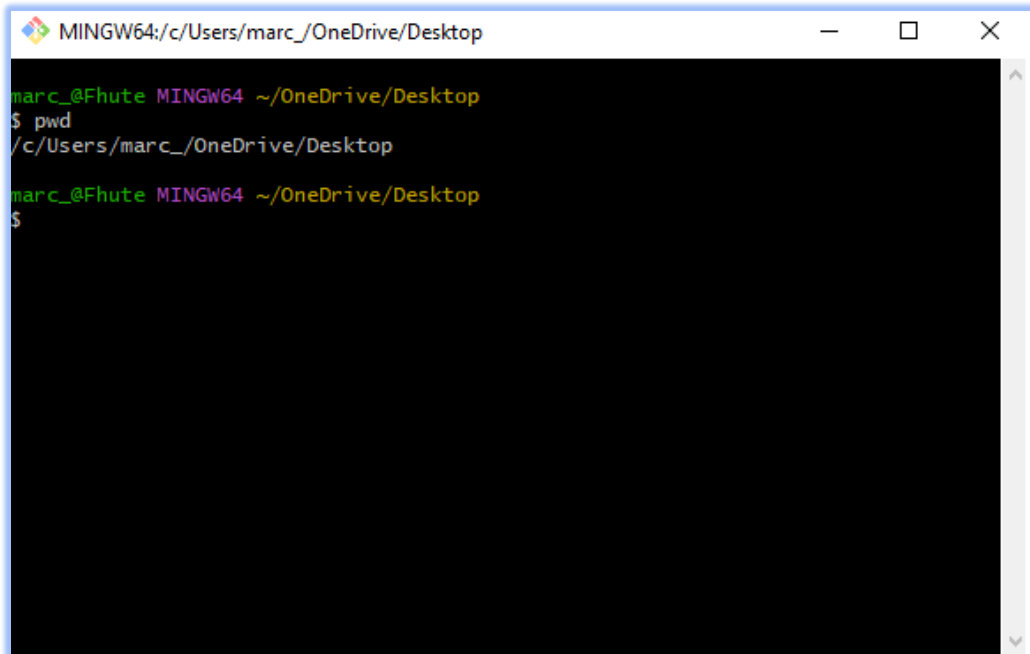
Name: **Marc James G. Montero**

Date: **December 26, 2022**

Batch: **WD37**

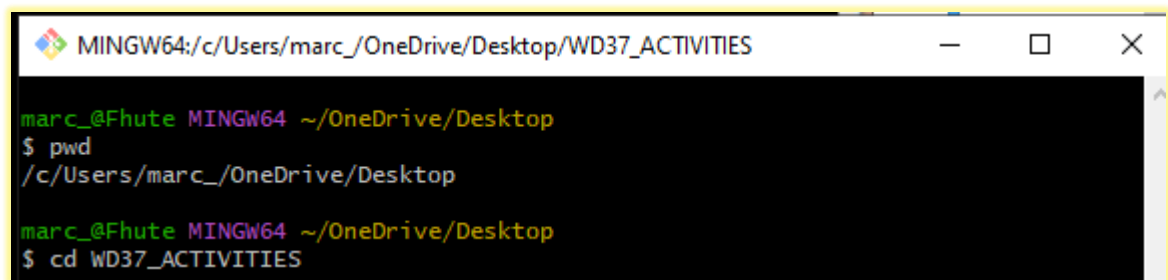
Instructor: **Alfren James**

1. **pwd** - to Find which directory you're in right now. Also pwd - stands for '**print working directory**'



```
MINGW64:/c/Users/marc_/OneDrive/Desktop
marc_@Fhute MINGW64 ~/OneDrive/Desktop
$ pwd
/c/Users/marc_/OneDrive/Desktop
marc_@Fhute MINGW64 ~/OneDrive/Desktop
$
```

2. **cd** - meaning change directory and we can access any directory. In this case I enter the WD37_ACTIVITIES folder



```
MINGW64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES
marc_@Fhute MINGW64 ~/OneDrive/Desktop
$ pwd
/c/Users/marc_/OneDrive/Desktop
marc_@Fhute MINGW64 ~/OneDrive/Desktop
$ cd WD37_ACTIVITIES
```

3. **mkdir** - is make directory and type the name of directory/folder, I make directory which is website.

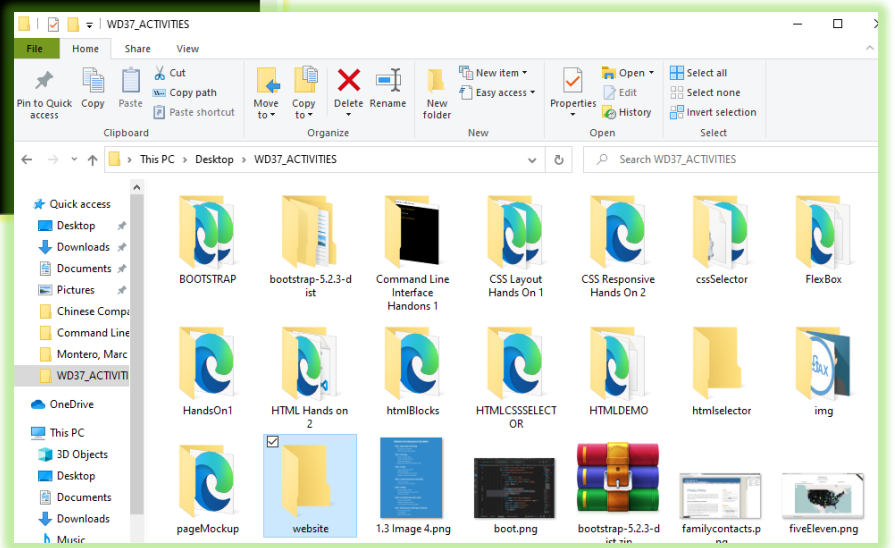
```
MINGW64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES

marc@Fhute MINGW64 ~/OneDrive/Desktop
$ pwd
/c/Users/marc_/OneDrive/Desktop

marc@Fhute MINGW64 ~/OneDrive/Desktop
$ cd WD37_ACTIVITIES

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$ mkdir website

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$
```



4. **touch** - is to create or modify a file, in my case I enter the website folder I created and inside the folder I create a index.html

```
MINGW64/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
marc_@Fhute MINGW64 ~/OneDrive/Desktop
$ pwd
/c/Users/marc_/OneDrive/Desktop

marc_@Fhute MINGW64 ~/OneDrive/Desktop
$ cd WD37_ACTIVITIES

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$ mkdir website

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$ cd website

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ touch index.html

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$
```

```
MINGW64/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
marc_@Fhute MINGW64 ~/OneDrive/Desktop
$ pwd
/c/Users/marc_/OneDrive/Desktop

marc_@Fhute MINGW64 ~/OneDrive/Desktop
$ cd WD37_ACTIVITIES

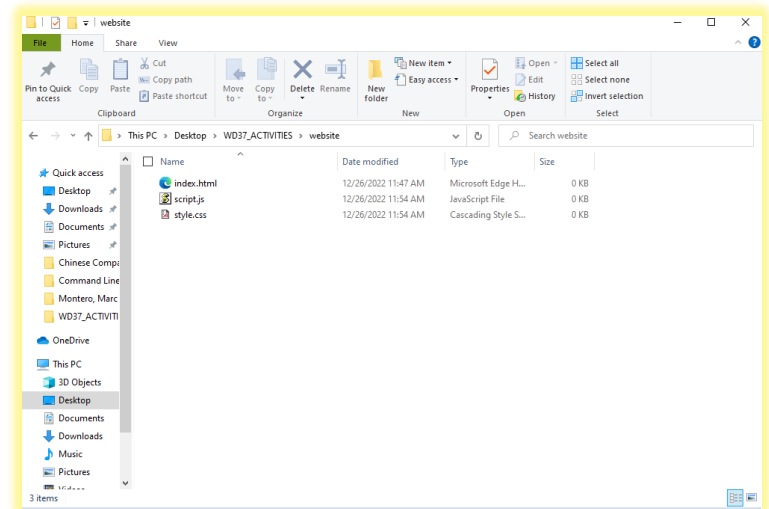
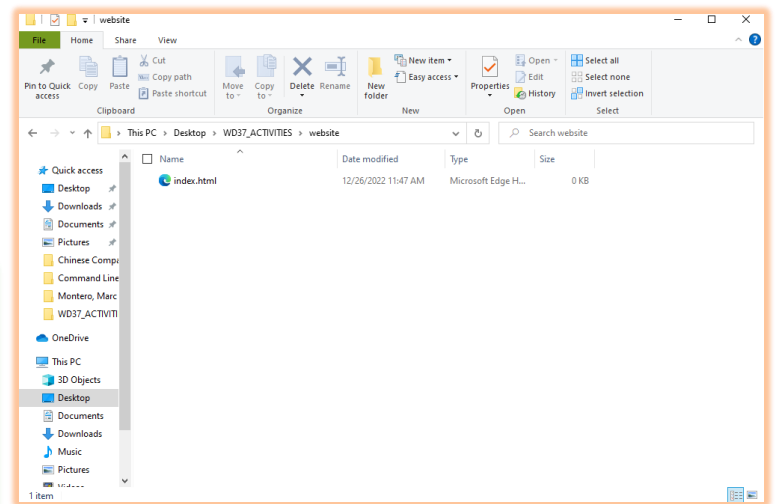
marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$ mkdir website

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$ cd website

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ touch index.html

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ touch script.js style.css

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$
```



5. **MV** - to move files or directory, I move the style.css to a folder name style that I created

```
MINGW64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$ mkdir website

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$ cd website

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ touch index.html

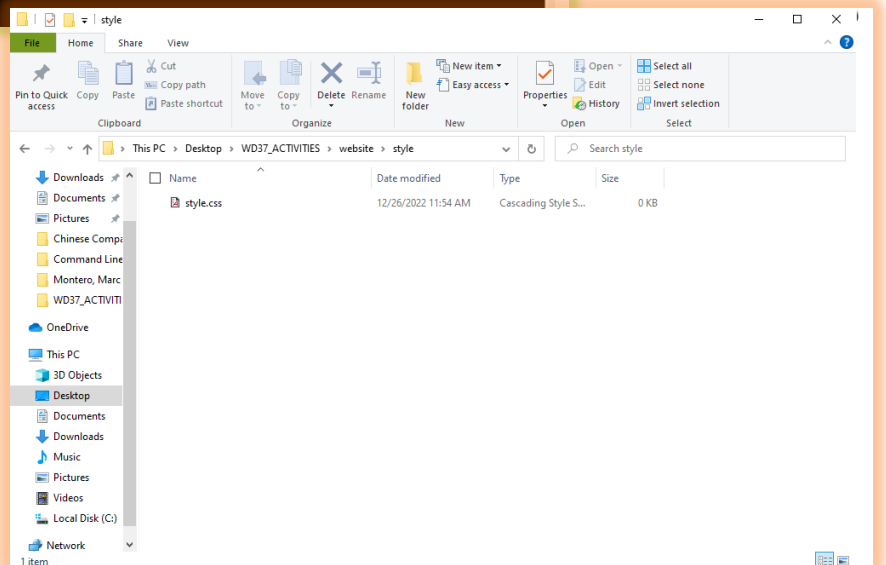
marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ touch script.js style.css

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ mkdir style

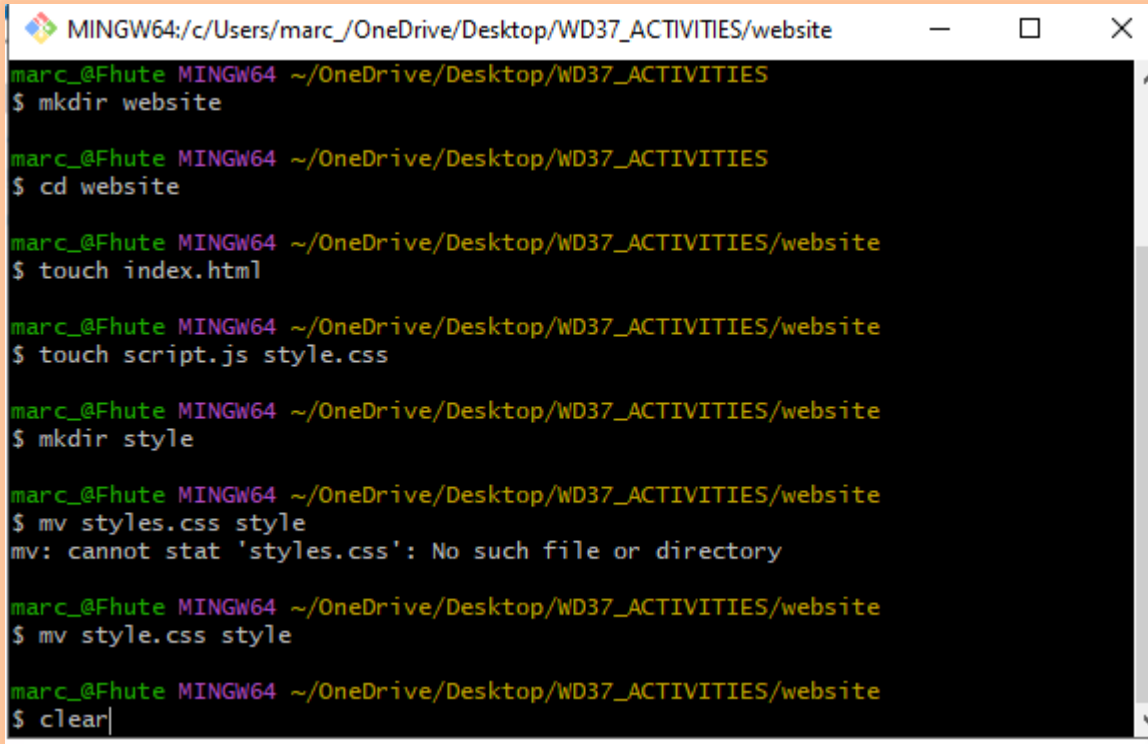
marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ mv styles.css style
mv: cannot stat 'styles.css': No such file or directory

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ mv style.css style

marc_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$
```



6. **clear** - to clear history, if your console gets kind of cluttered you can use this command



```
MINGW64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$ mkdir website

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$ cd website

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ touch index.html

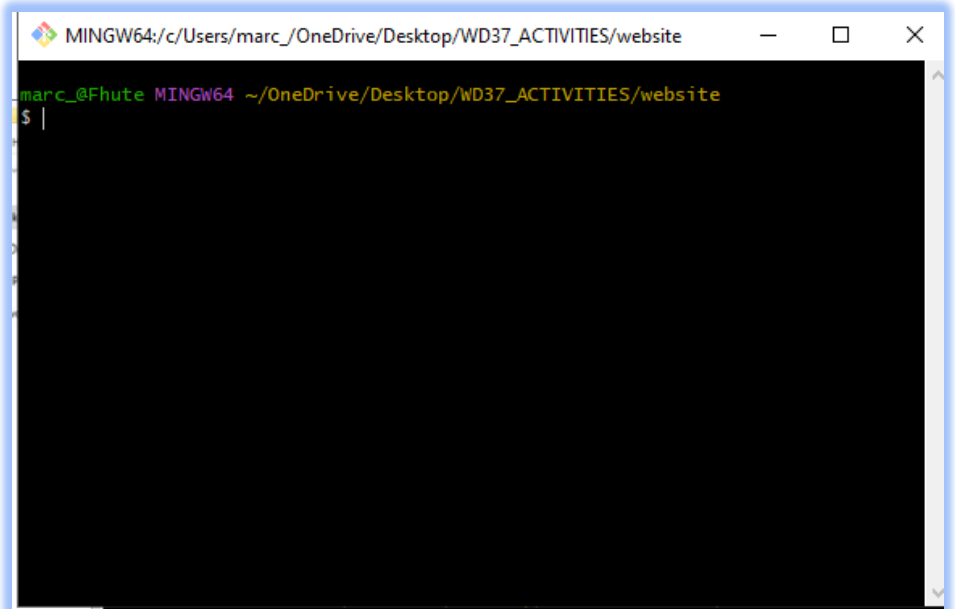
marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ touch script.js style.css

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ mkdir style

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ mv styles.css style
mv: cannot stat 'styles.css': No such file or directory

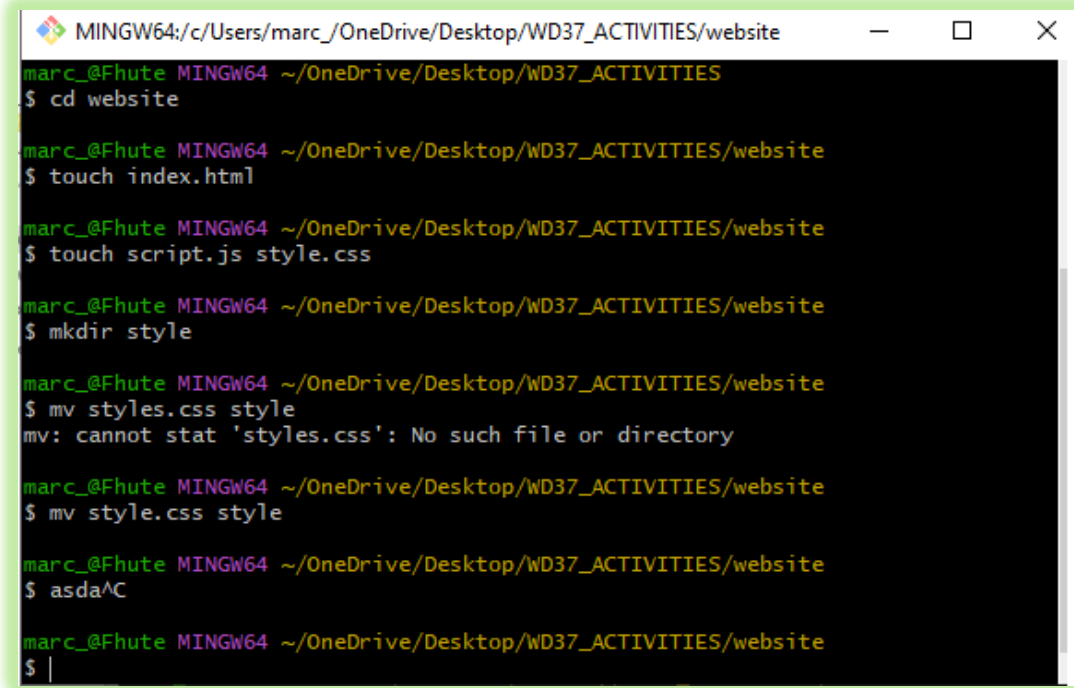
marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ mv style.css style

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ clear
```



```
MINGW64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ |
```

7. **ctrl c** - to cancel command, if in any case you mistype and you want to cancel what you type.



```
MINGW64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES
$ cd website

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ touch index.html

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ touch script.js style.css

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ mkdir style

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ mv styles.css style
mv: cannot stat 'styles.css': No such file or directory

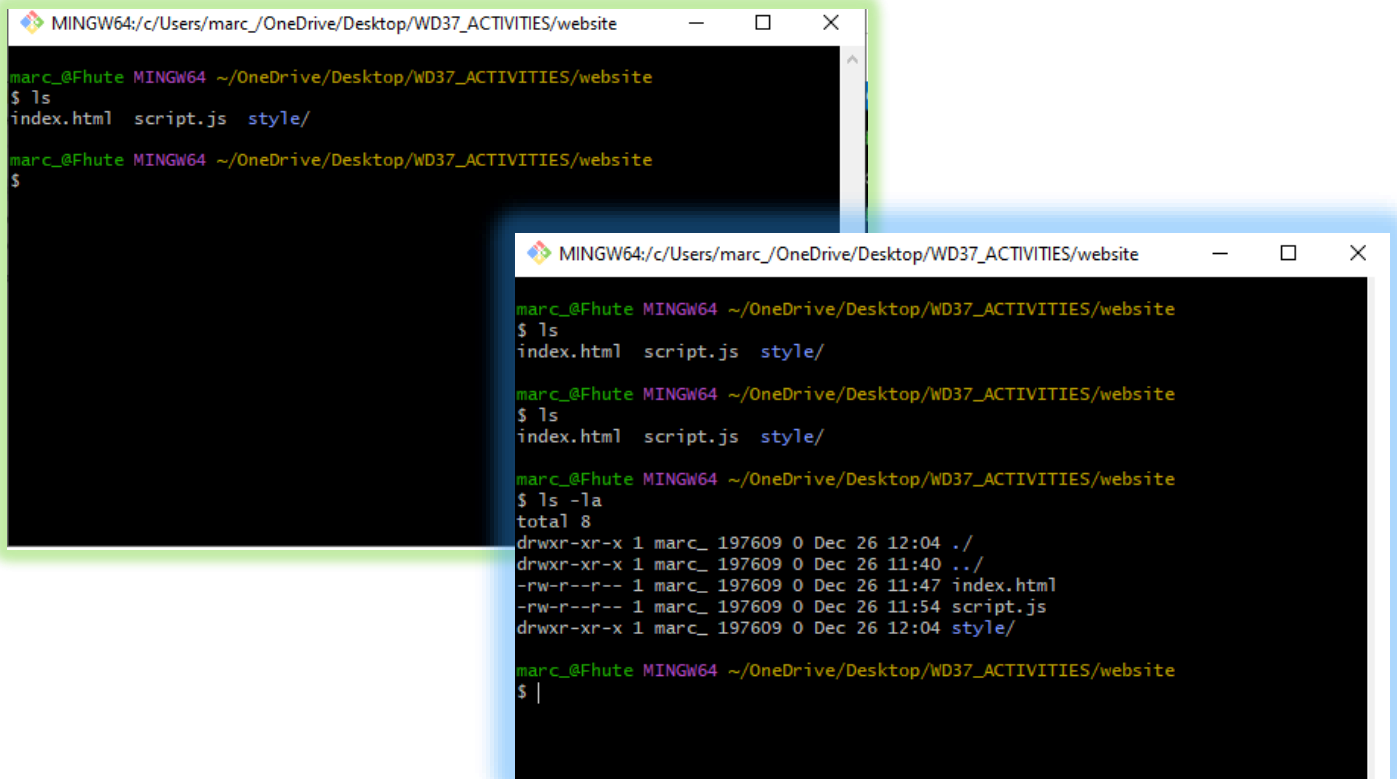
marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ mv style.css style

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ asda^C

marc@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ |
```

8. **ls** - If we wanted to know what files we have in this directory. **ls** gives us lists all the files in white and directories in blue.

if you need to need more details on the file you type **ls -la** so you will see when directories were created and names of the files



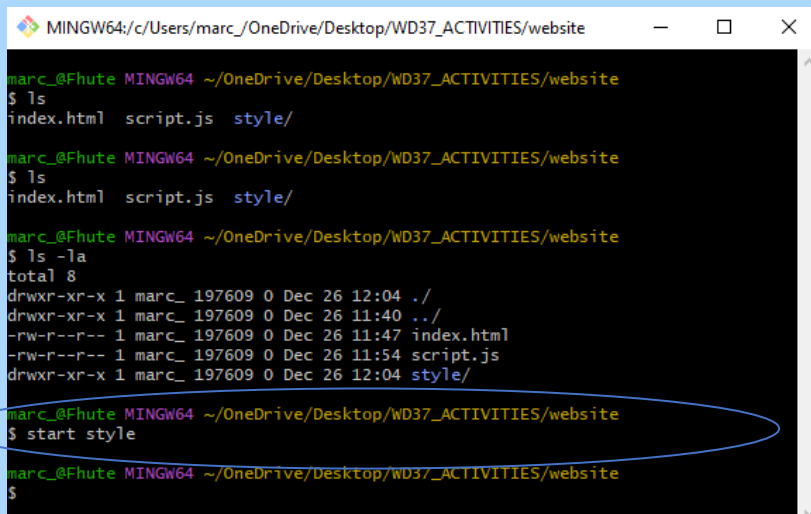
The image shows two overlapping terminal windows. The top window, titled 'MINGW64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website', shows the output of the 'ls' command: 'index.html script.js style/'. The bottom window, also titled 'MINGW64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website', shows the output of the 'ls -la' command, providing detailed file information including permissions, owner, size, and date.

```
mingw64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
$ ls
index.html  script.js  style/

mingw64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
$ ls -la
total 8
drwxr-xr-x 1 marc_ 197609 0 Dec 26 12:04 ./
drwxr-xr-x 1 marc_ 197609 0 Dec 26 11:40 ../
-rw-r--r-- 1 marc_ 197609 0 Dec 26 11:47 index.html
-rw-r--r-- 1 marc_ 197609 0 Dec 26 11:54 script.js
drwxr-xr-x 1 marc_ 197609 0 Dec 26 12:04 style/

mingw64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
$ |
```

9. **start** - to start/open a directories/folder, in my case I close the website/style folder then I reopen it with a comand start style since I'm on website folder.



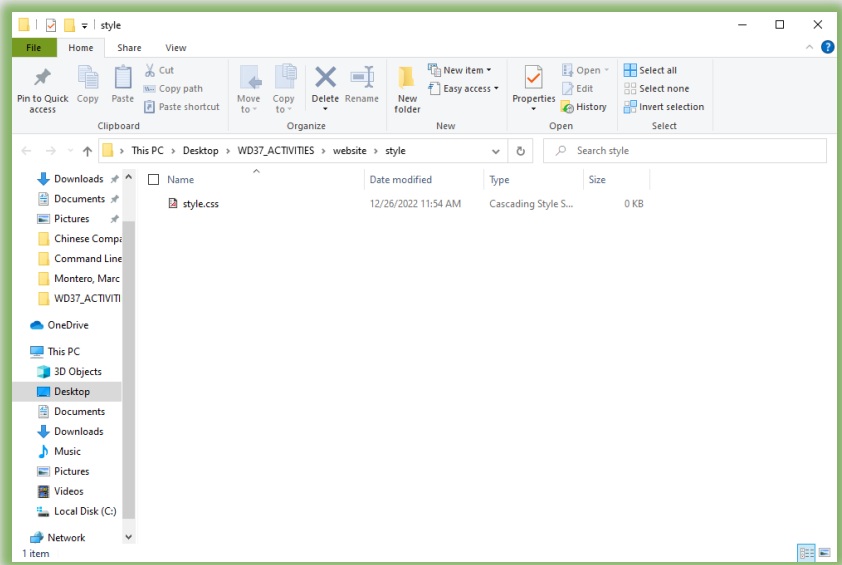
The image shows a terminal window titled 'MINGW64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website'. It displays the output of 'ls' and 'ls -la' commands. The 'start style' command is entered and executed, opening the 'style' directory. A blue arrow points to the 'start style' command line.

```
mingw64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
$ ls
index.html  script.js  style/

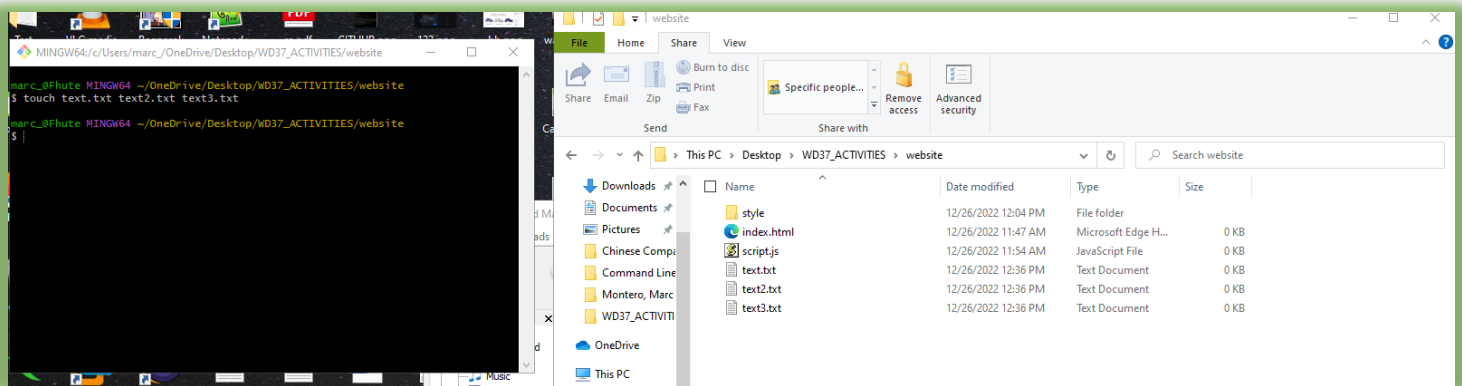
mingw64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
$ ls -la
total 8
drwxr-xr-x 1 marc_ 197609 0 Dec 26 12:04 ./
drwxr-xr-x 1 marc_ 197609 0 Dec 26 11:40 ../
-rw-r--r-- 1 marc_ 197609 0 Dec 26 11:47 index.html
-rw-r--r-- 1 marc_ 197609 0 Dec 26 11:54 script.js
drwxr-xr-x 1 marc_ 197609 0 Dec 26 12:04 style/

mingw64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
$ start style

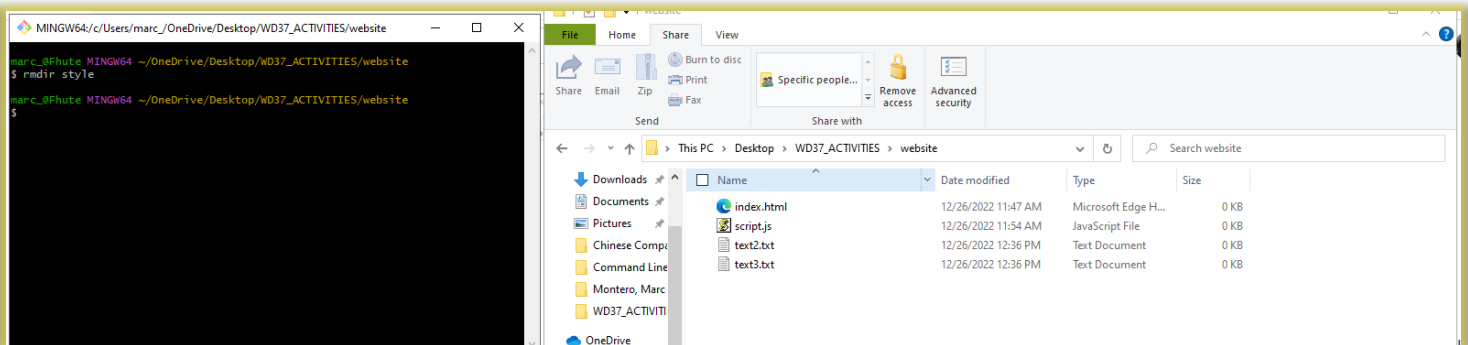
mingw64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
$
```



10. **rm** - to remove/delete files, I created a text.txt, text2.txt, and text3.txt and I remove the text.txt



11. **rmdir** - to remove/delete directories – this requires an empty folder



12. **netstat -r -v** = this will print network information, routing and connections including ip addresses and subnet mask

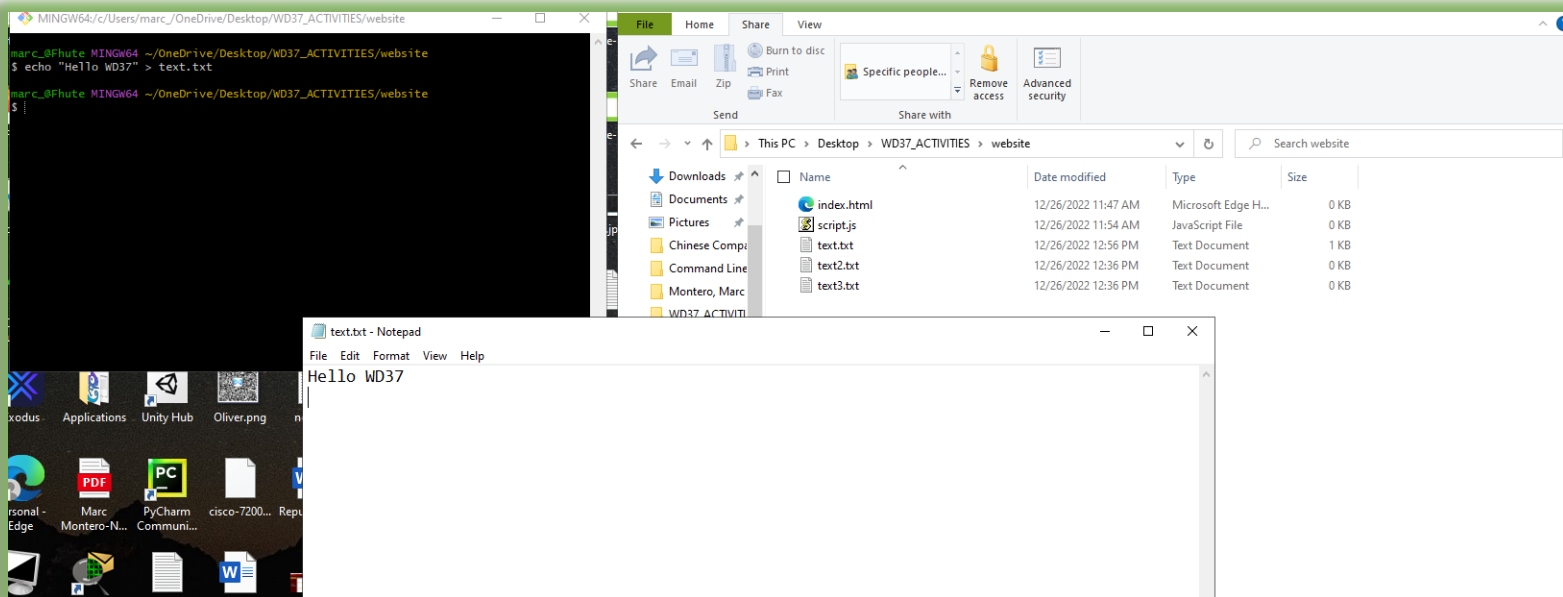
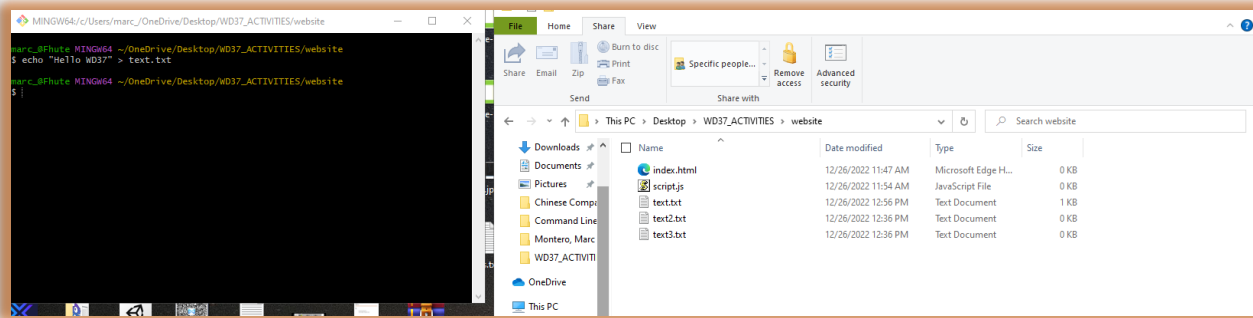
```
MINGW64:/c:/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website
marc_@Phute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ netstat -r -v
=====
Interface List
=====
 8...18 c0 4d eb f8 92 .....Realtek PCIe GbE Family Controller
12...00 50 56 c0 00 01 .....VMware Virtual Ethernet Adapter for VMnet1
15...00 50 56 c0 00 08 .....VMware Virtual Ethernet Adapter for VMnet8
 1.....Software Loopback Interface 1
=====

IPv4 Route Table
=====
Active Routes:
Network Destination        Netmask          Gateway           Interface        Metric
0.0.0.0                    0.0.0.0          192.168.100.1     192.168.100.49   25
127.0.0.0                  255.0.0.0        On-link          127.0.0.1        331
127.0.0.1                  255.255.255.255  On-link          127.0.0.1        331
127.255.255.255            255.255.255.255  On-link          127.0.0.1        331
192.168.19.0                255.255.255.0    On-link          192.168.19.1     291
192.168.19.1                255.255.255.255  On-link          192.168.19.1     291
192.168.19.255              255.255.255.255  On-link          192.168.19.1     291
192.168.47.0                255.255.255.0    On-link          192.168.47.1     291
192.168.47.1                255.255.255.255  On-link          192.168.47.1     291
192.168.47.255              255.255.255.255  On-link          192.168.47.1     291
192.168.100.0               255.255.255.0    On-link          192.168.100.49   281
192.168.100.49              255.255.255.255  On-link          192.168.100.49   281
192.168.100.255             255.255.255.255  On-link          192.168.100.49   281
224.0.0.0                  240.0.0.0        On-link          127.0.0.1        331
224.0.0.0                  240.0.0.0        On-link          192.168.100.49   281
224.0.0.0                  240.0.0.0        On-link          192.168.19.1     291
224.0.0.0                  240.0.0.0        On-link          192.168.47.1     291
255.255.255.255            255.255.255.255  On-link          127.0.0.1        331
255.255.255.255            255.255.255.255  On-link          192.168.100.49   281
255.255.255.255            255.255.255.255  On-link          192.168.19.1     291
255.255.255.255            255.255.255.255  On-link          192.168.47.1     291
=====
Persistent Routes:
None

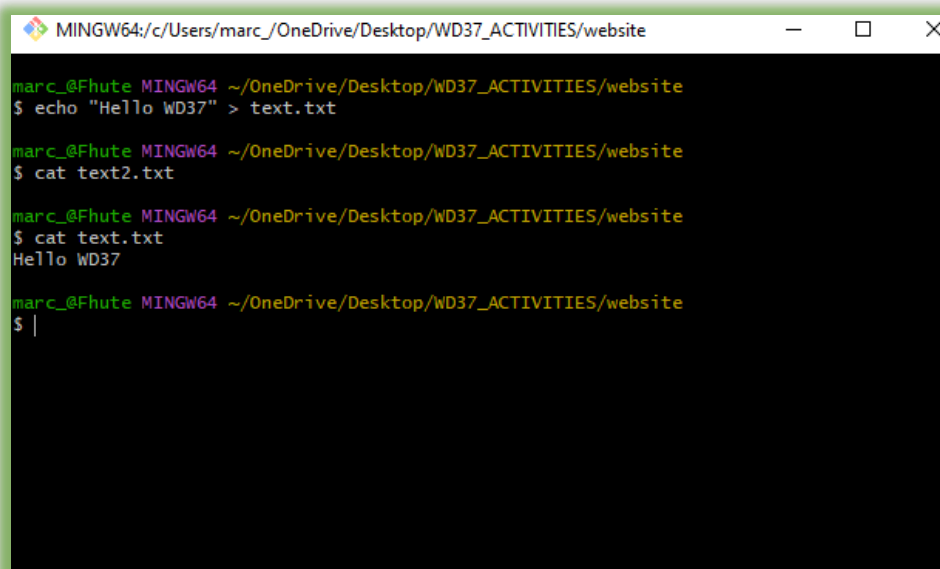
IPv6 Route Table
=====
Active Routes:
If Metric Network Destination Gateway
1 331 ::1/128 On-link
8 281 fe80::/64 On-link
12 291 fe80::/64 On-link
15 291 fe80::/64 On-link
8 281 fe80::c5b:36d8:53c:fcf1/128 On-link
12 291 fe80::3027:9d19:5599:25b1/128 On-link
15 291 fe80::3d84:ecaa:23f8:c1ee/128 On-link
1 331 ff00::/8 On-link
8 281 ff00::/8 On-link
12 291 ff00::/8 On-link
15 291 ff00::/8 On-link
=====
Persistent Routes:
None

marc_@Phute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ |
```

13. `echo "" > [file]`- this command will create a txt file with a text written on it. I created a text file the says "Hello WD37"



14. `cat` - to read what is inside a file



15. cp - to copy file

