Command Line Interface Hands-on 1 - Observation Report
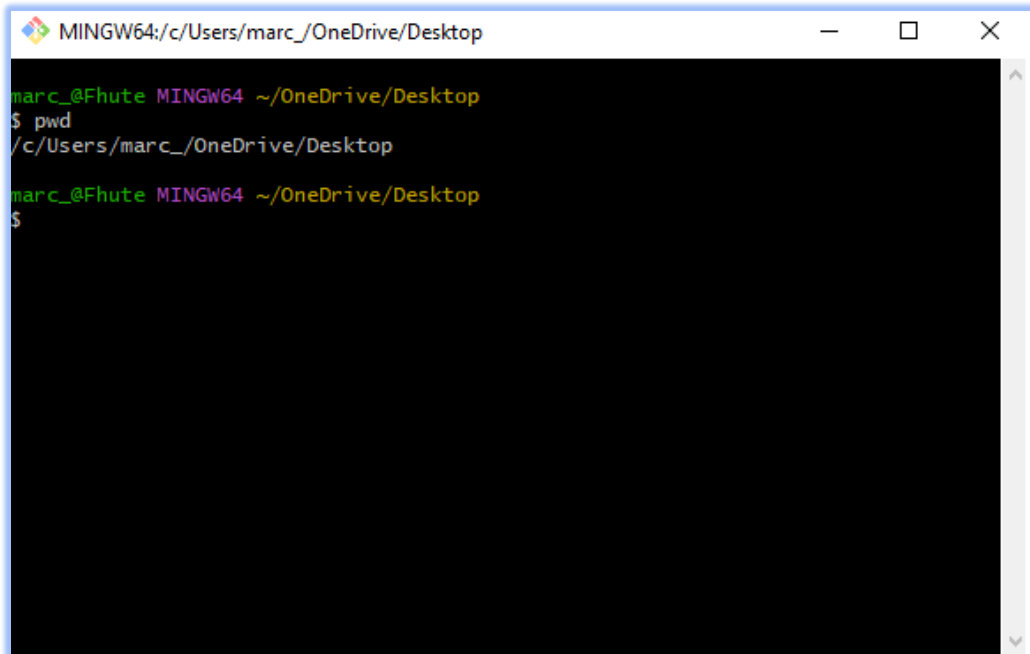*Name:* **Marc James G. Montero**
Date: **December 26, 2022**
Batch: **WD37**
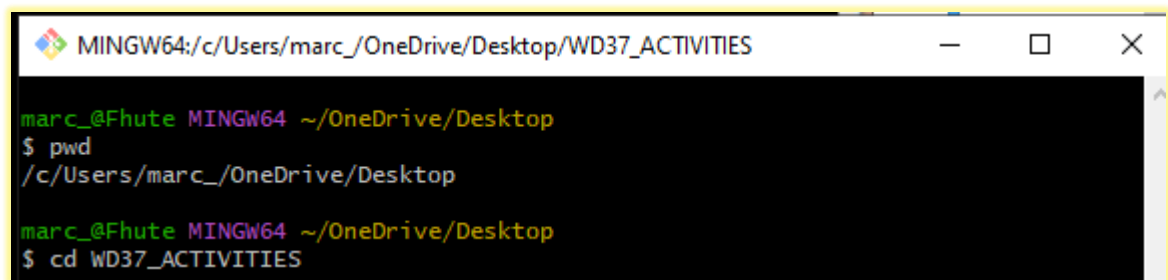Instructor**: Alfren James**

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

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

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

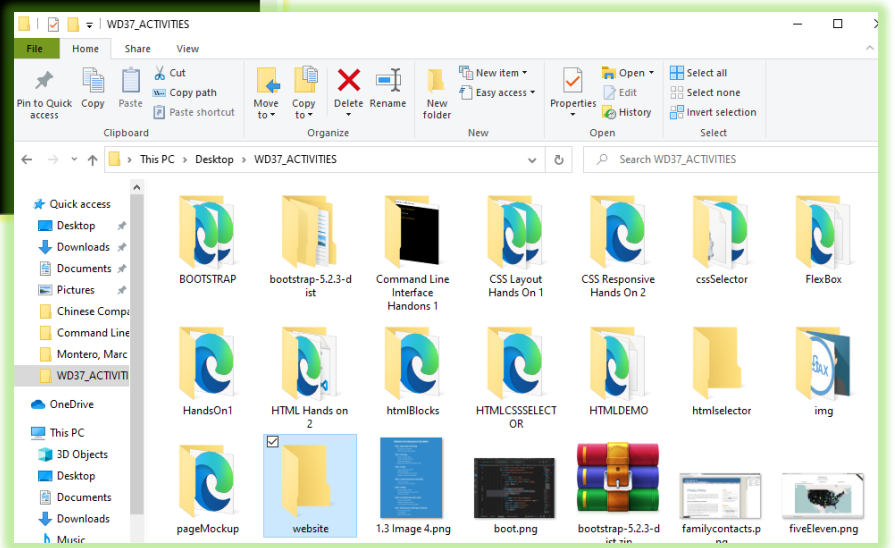4. **touch** - is to create or modify a file, in my case I enter the website folder I created and inside the folder I create a index.html

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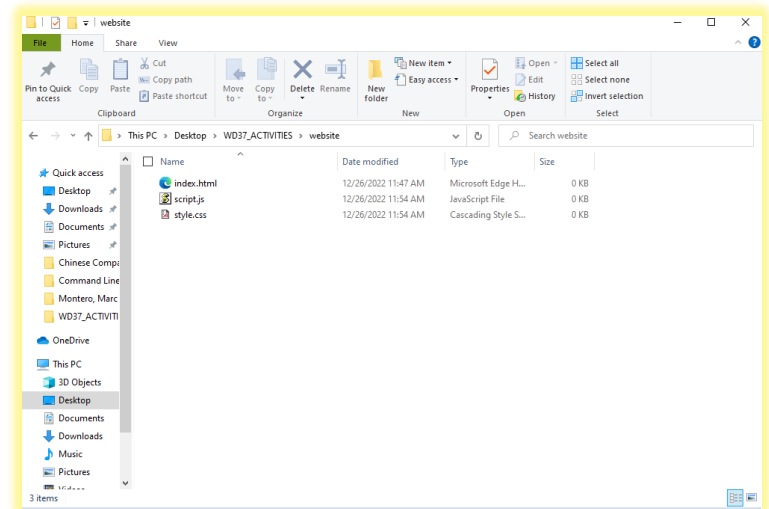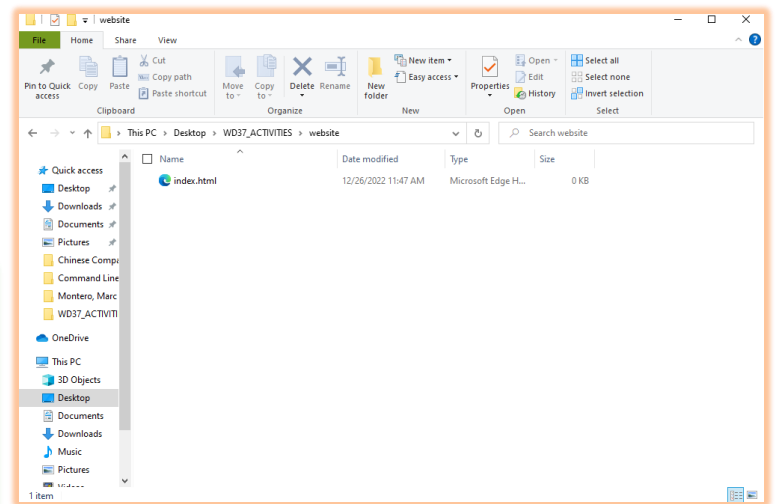
6. **clear** - to clear history, if your console gets kind of cluttered you can use this command

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


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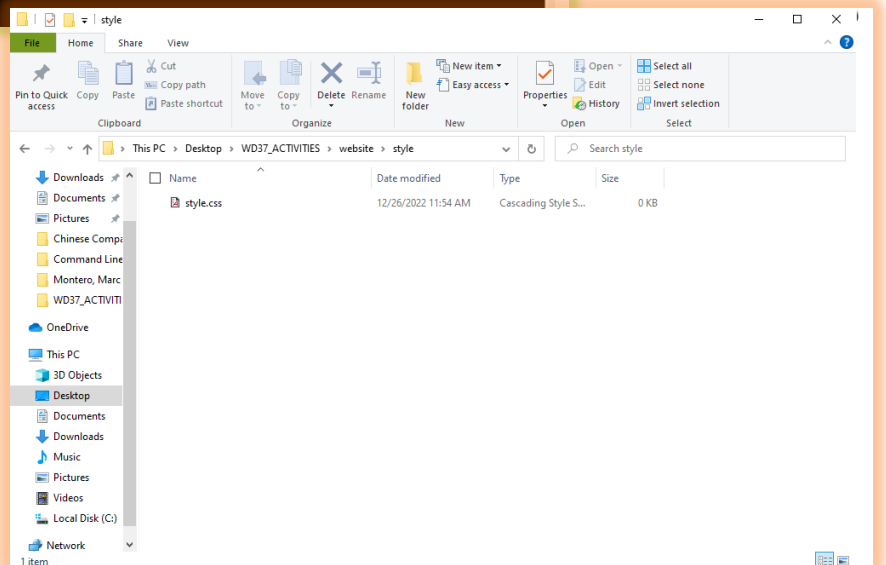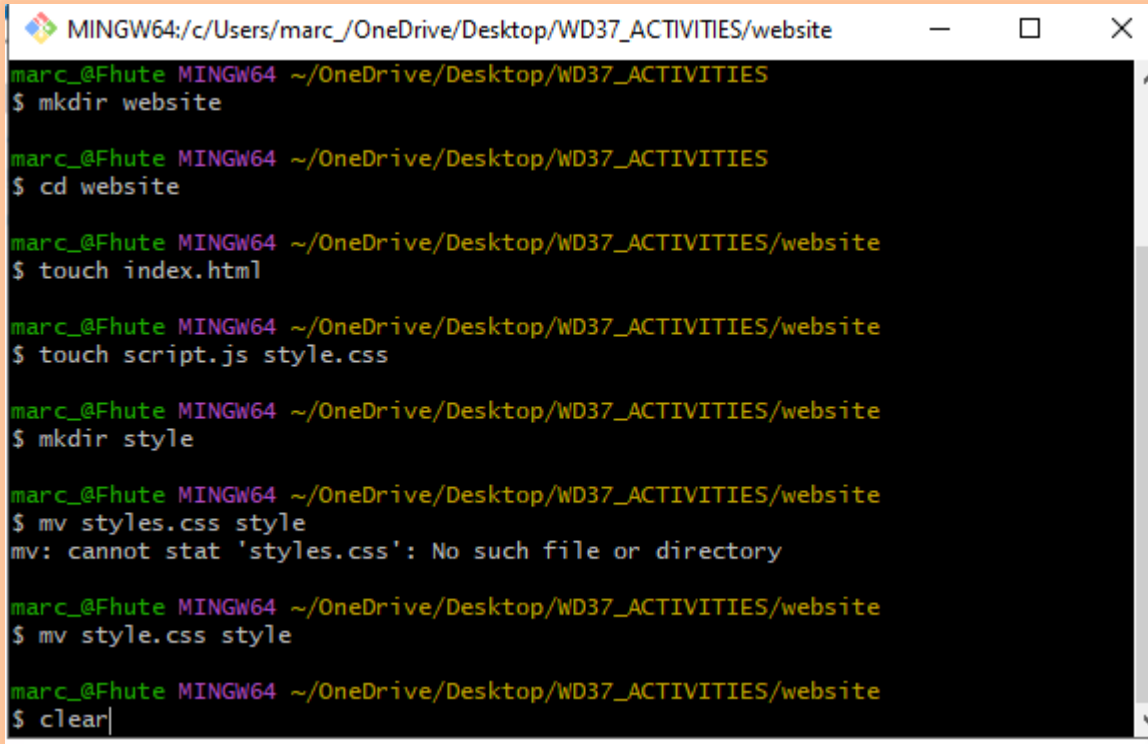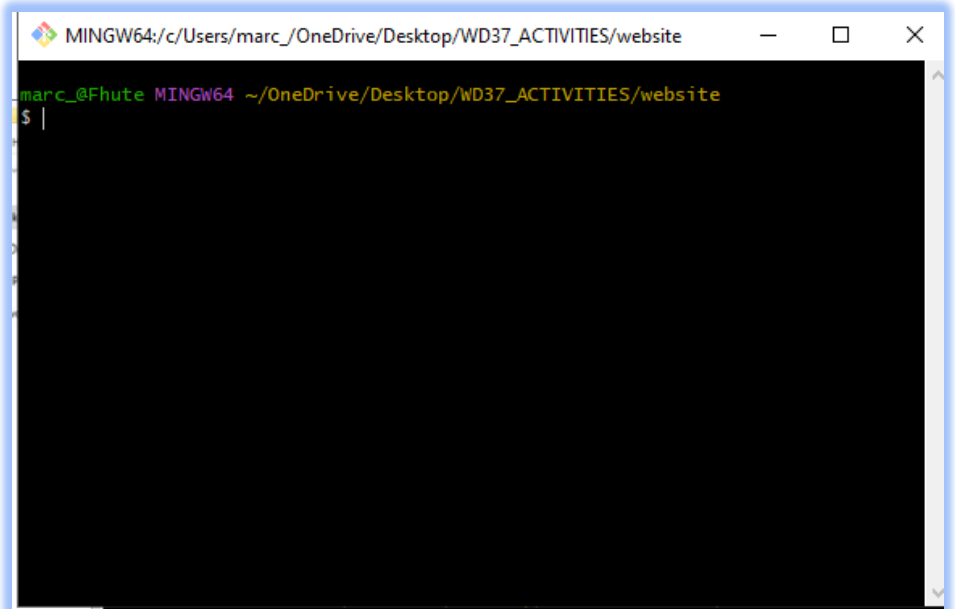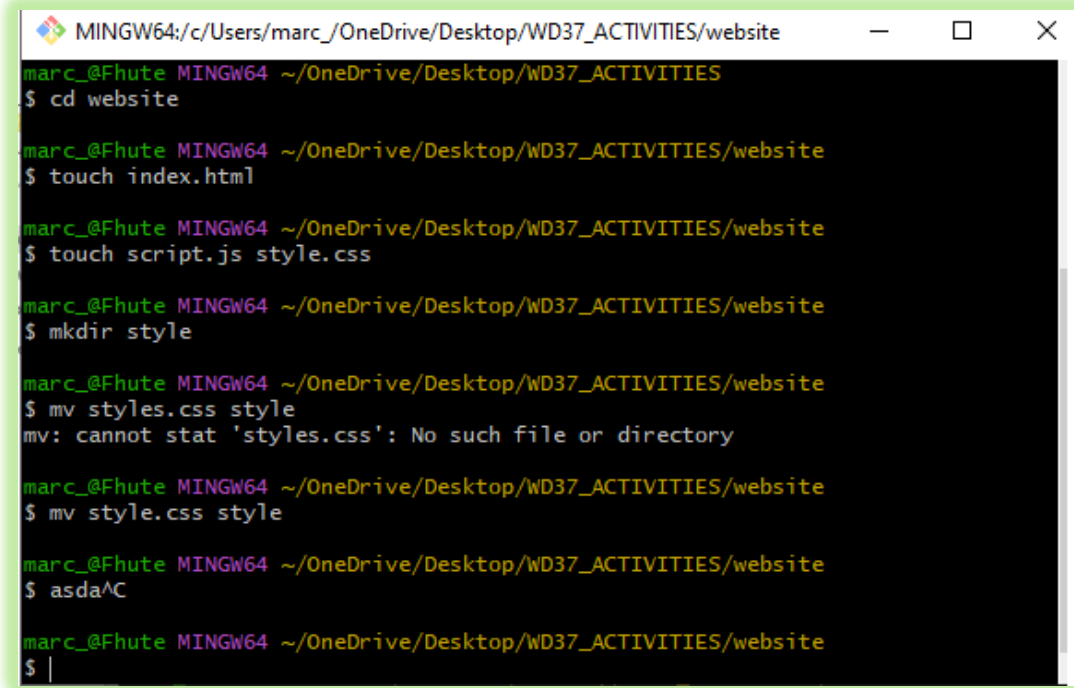
8. **ls** - If we wanted to know what files we have in this directory. ls gives us lists all the files in white and directories in blue.

   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

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.

10. **rm** - to remove/delete files, I created a text.txt, text2.txt, and text3.txt and I remove the text.txt
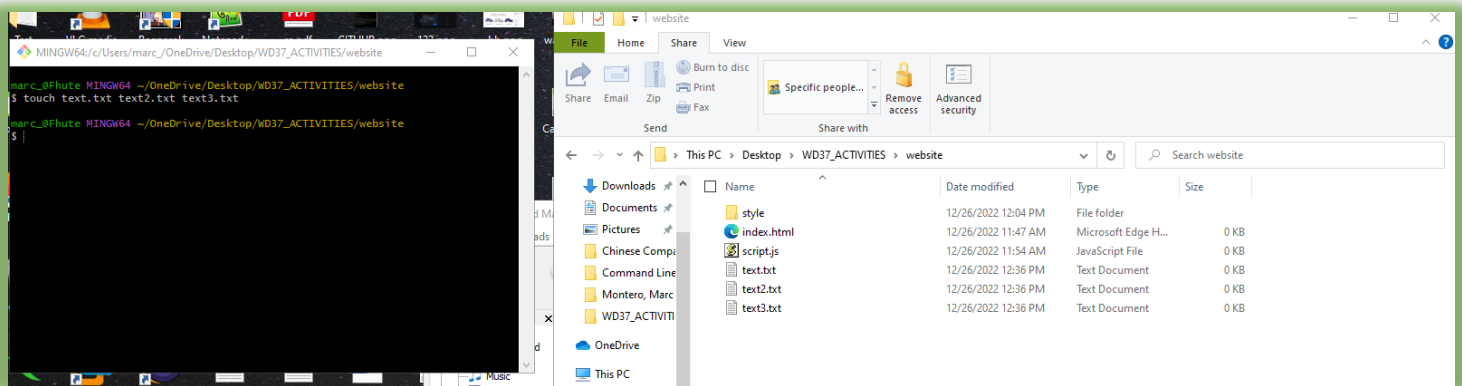
11. **rmdir** - to remove/delete directories – this requires an empty folder
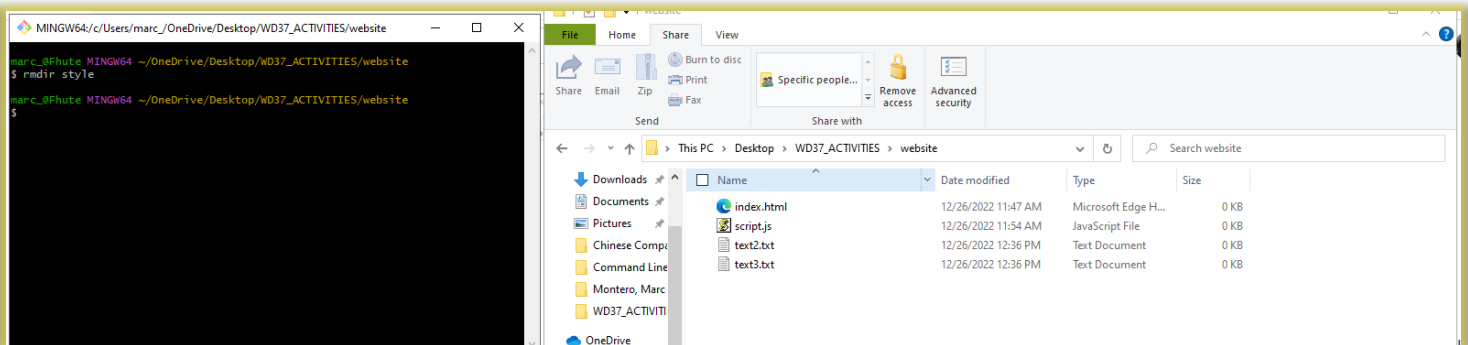
12. **netstat -r -v** = this will print network information, routing and connections including ip addresses and subnet mask

```
MINGW64:/c/Users/marc_/OneDrive/Desktop/WD37_ACTIVITIES/website                    —    □    ✕

marc_@Fhute 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_@Fhute MINGW64 ~/OneDrive/Desktop/WD37_ACTIVITIES/website
$ |
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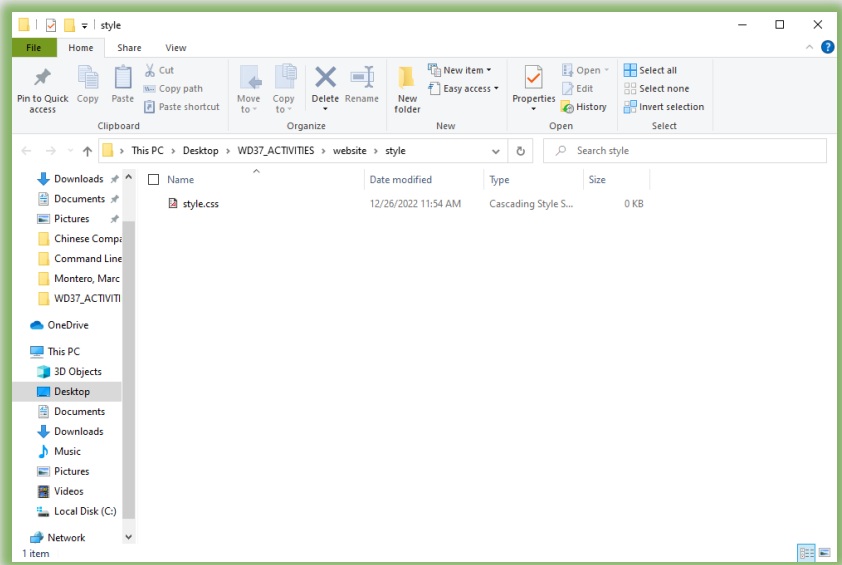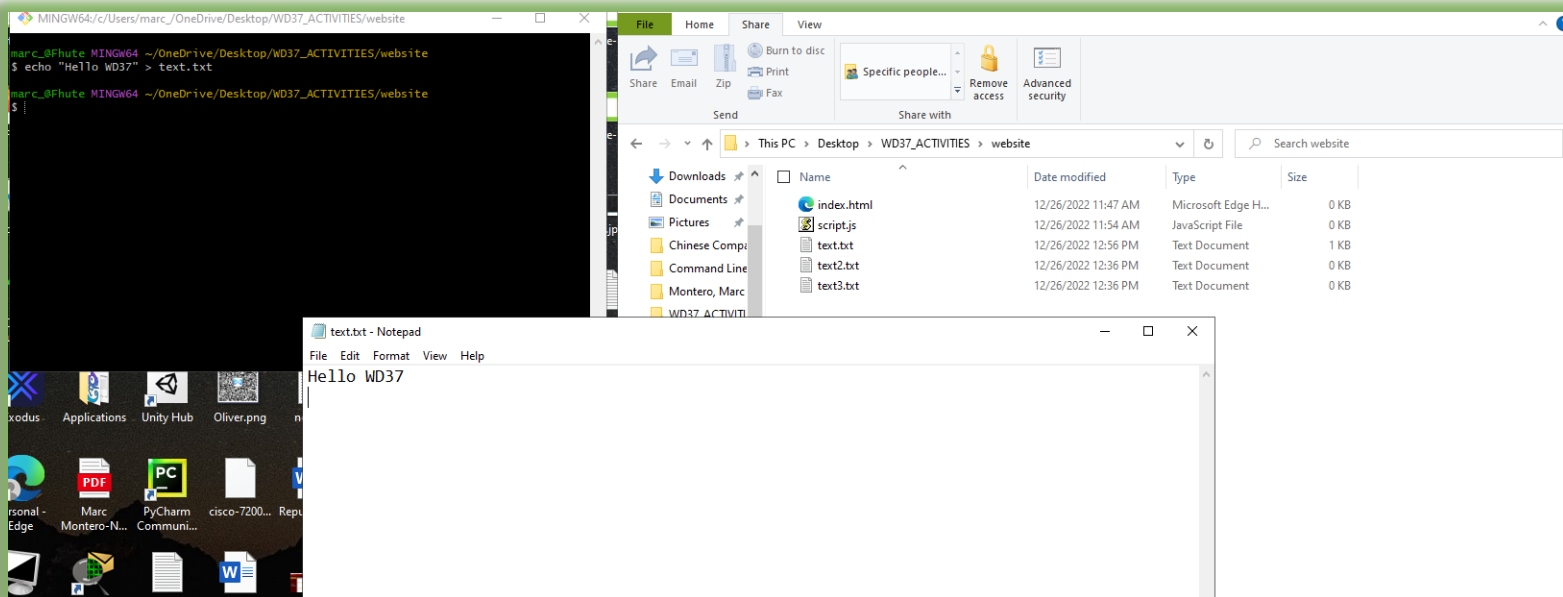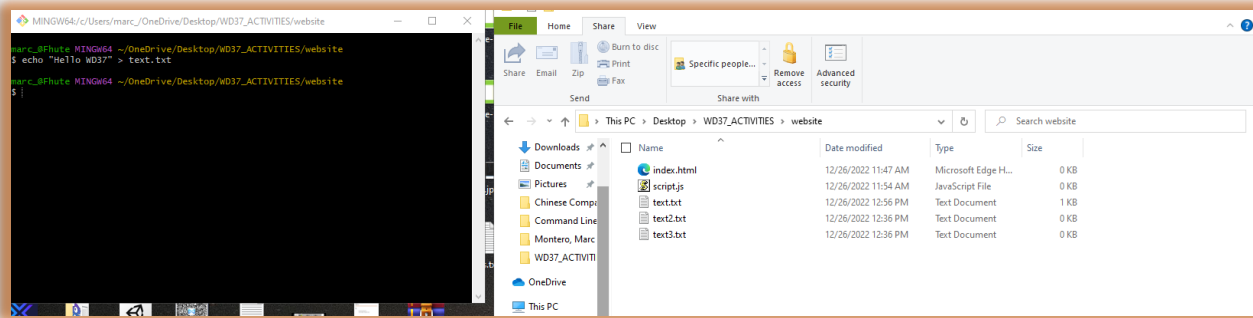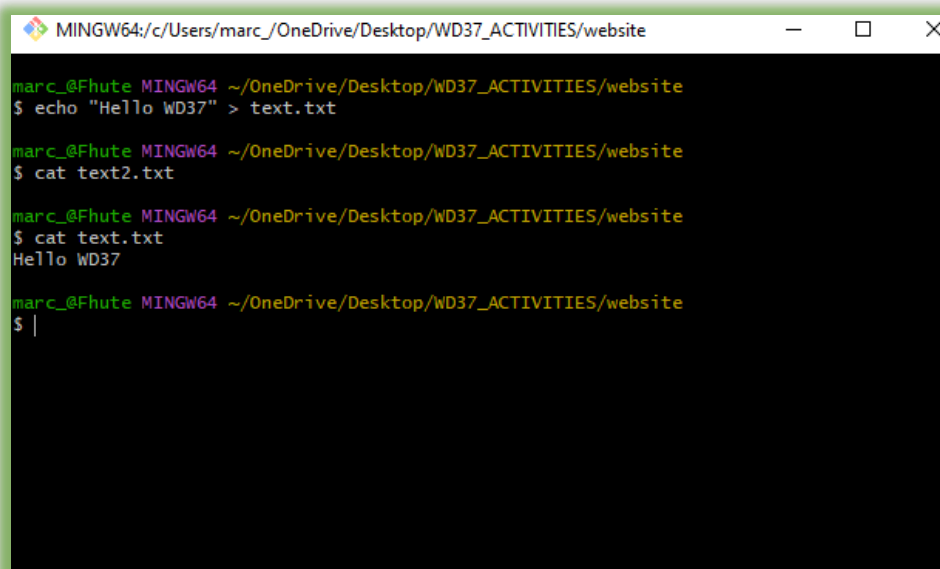
13. echo "" > [file]- this command will create a txt file with a text writhen on it. I created a text file the says "Hello WD37"

14. cat - to read what is inside a file

15. cp - to copy file