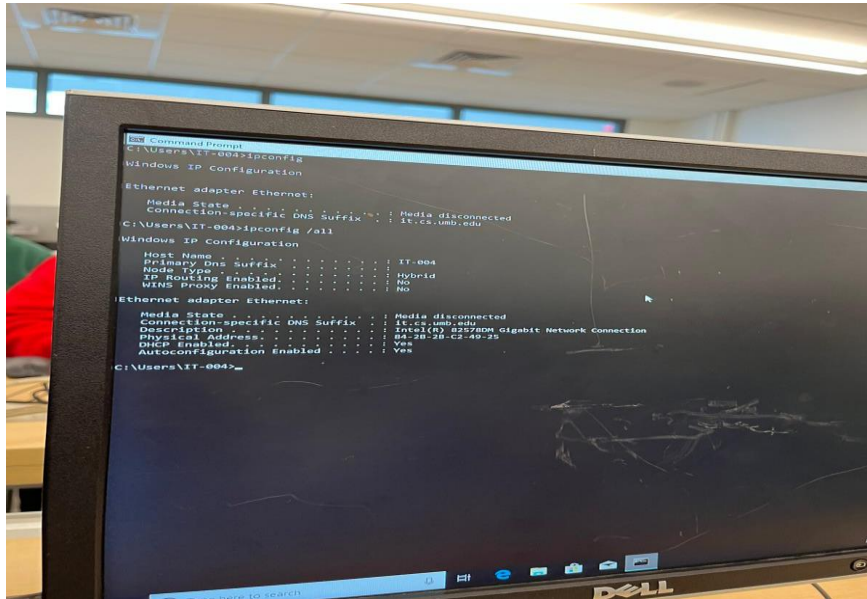


## Networking a Stand-alone machine.

In the beginning, we must check our MAC and IP address does our computer have an IP or MAC address?

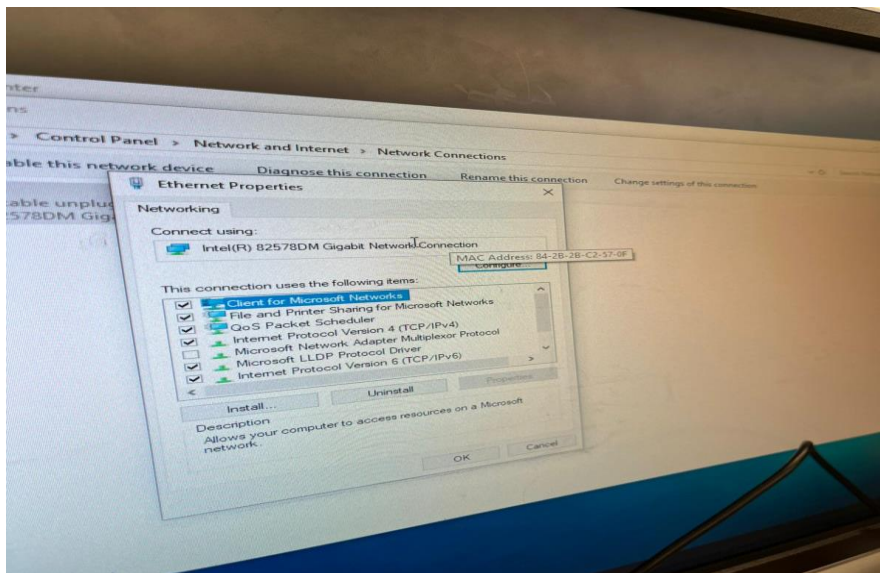
For that, we can use the *ipconfig /all* command.



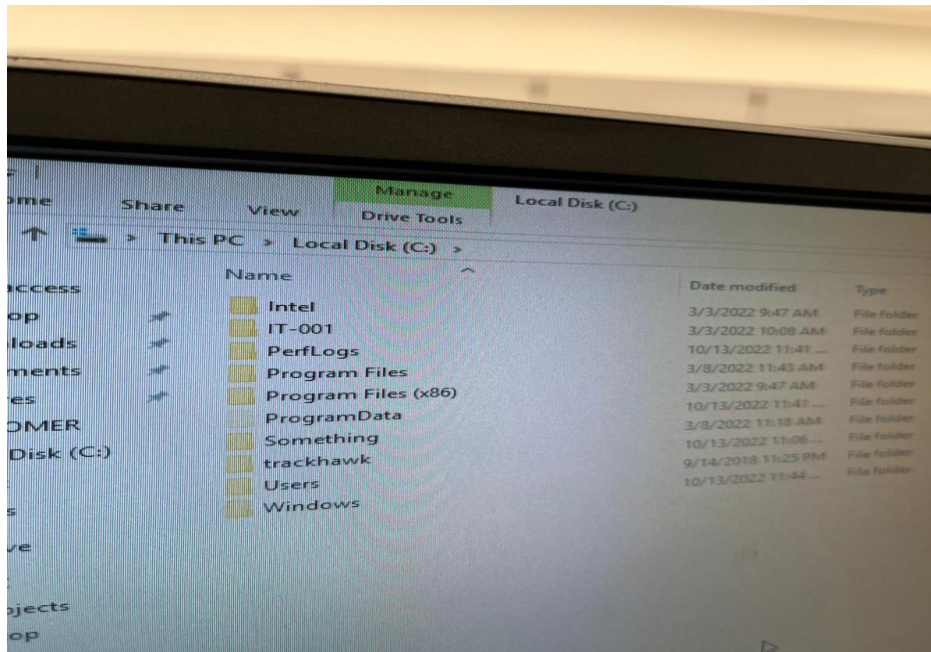
We saw in the photo our computer doesn't have an IP address.

Let's look at another way for finding our MAC address.

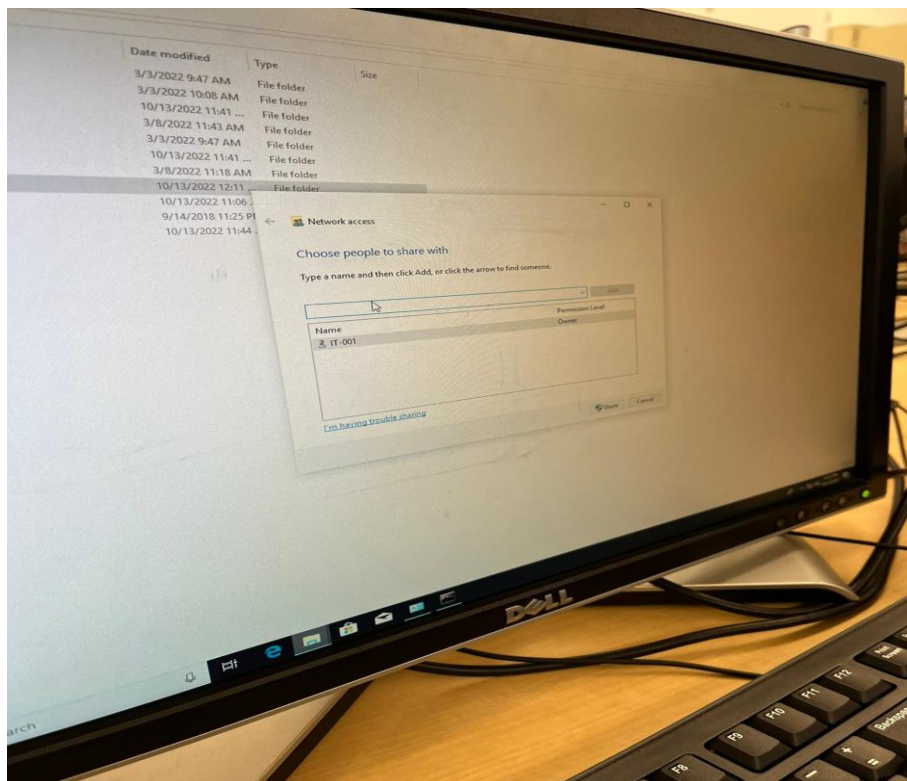
Control Panel --- Network and Internet Network connections --- Adapter settings --- Right click on mouse --- Properties.



Now we will make the experiment, first go to a local drive.



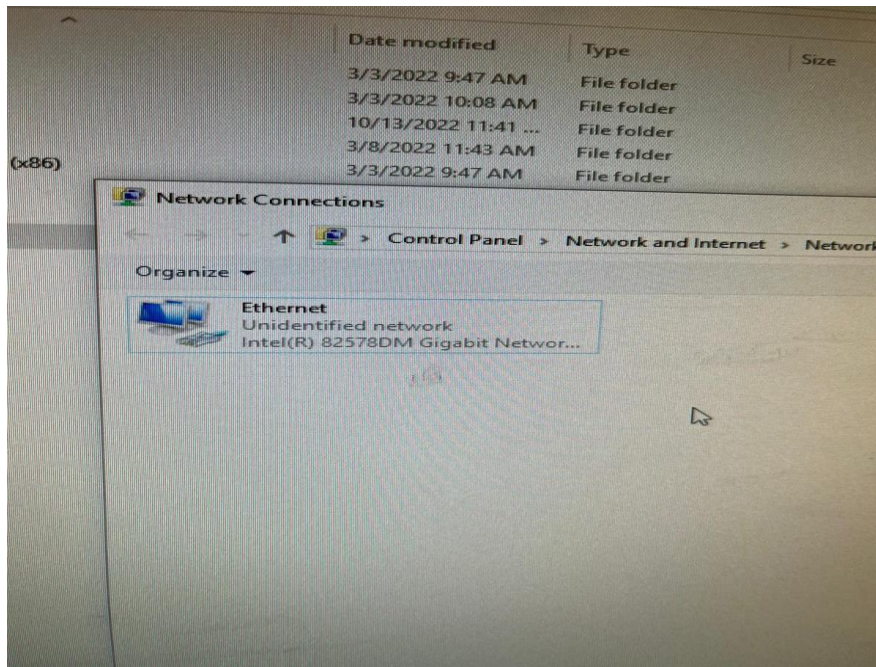
Then create a folder. Right-click on it, then click on give access to. You can choose from there everyone and then click on add button.



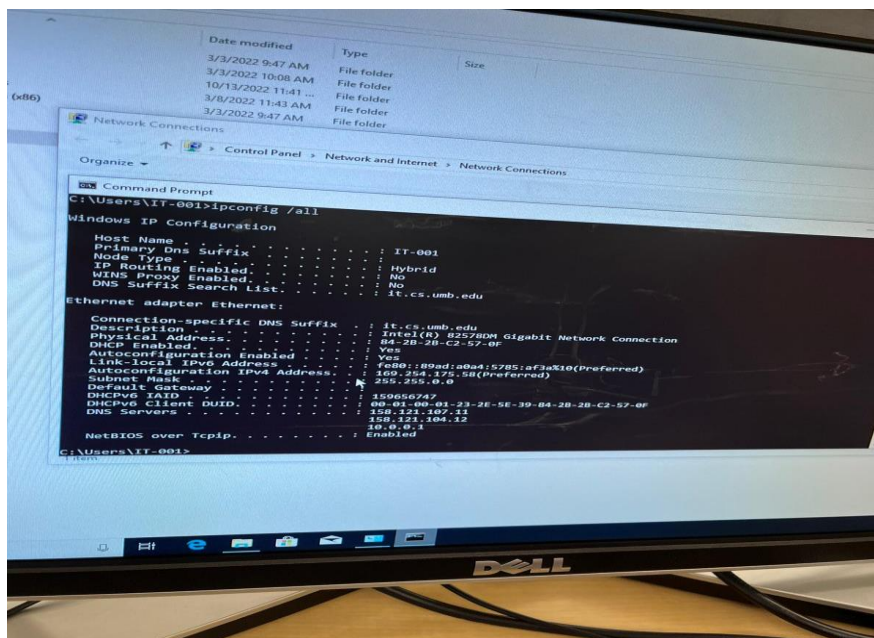
Now you can change the permission level.



After that, we connect that computer to another computer with a network cable. If we go back and refresh network connections, we will see:

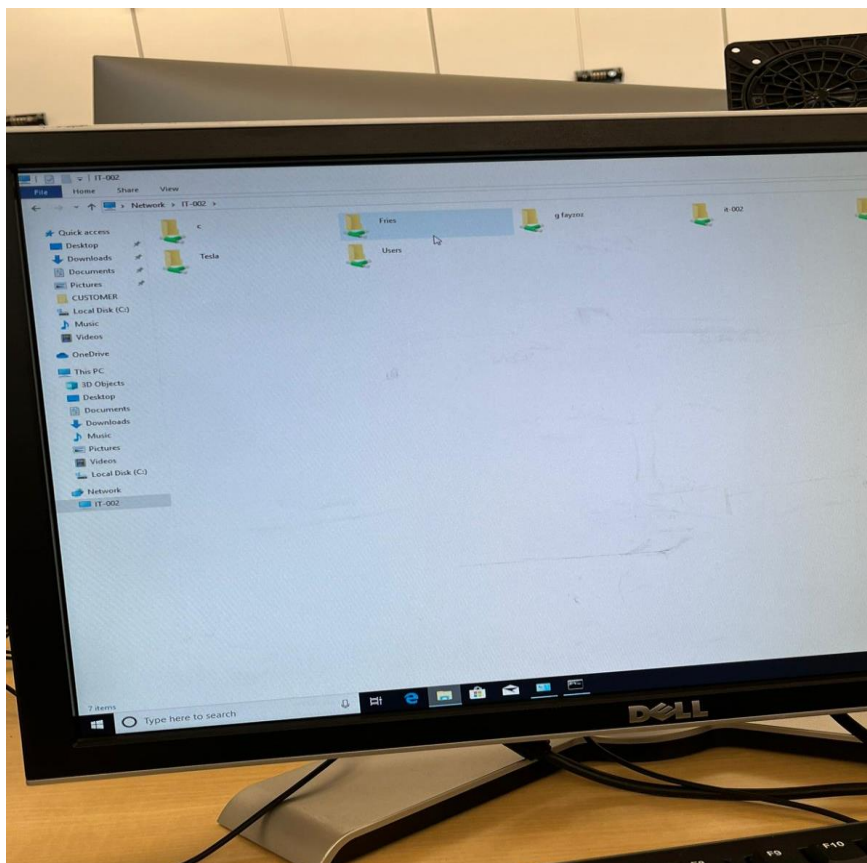
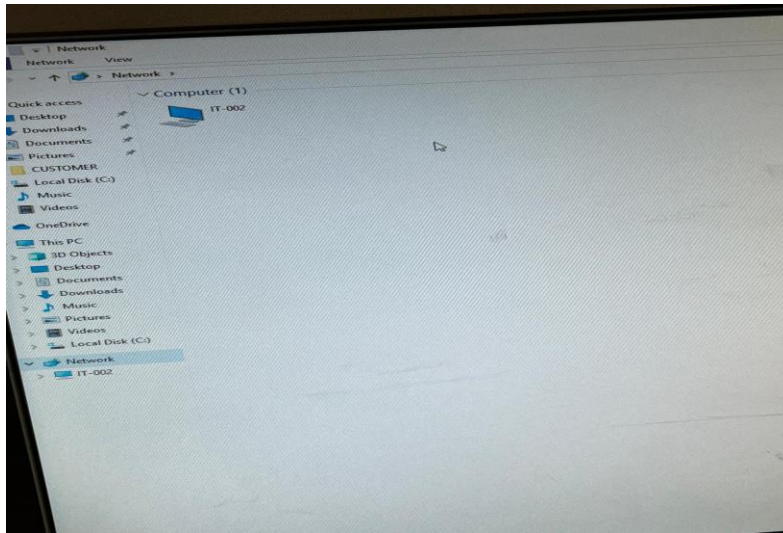


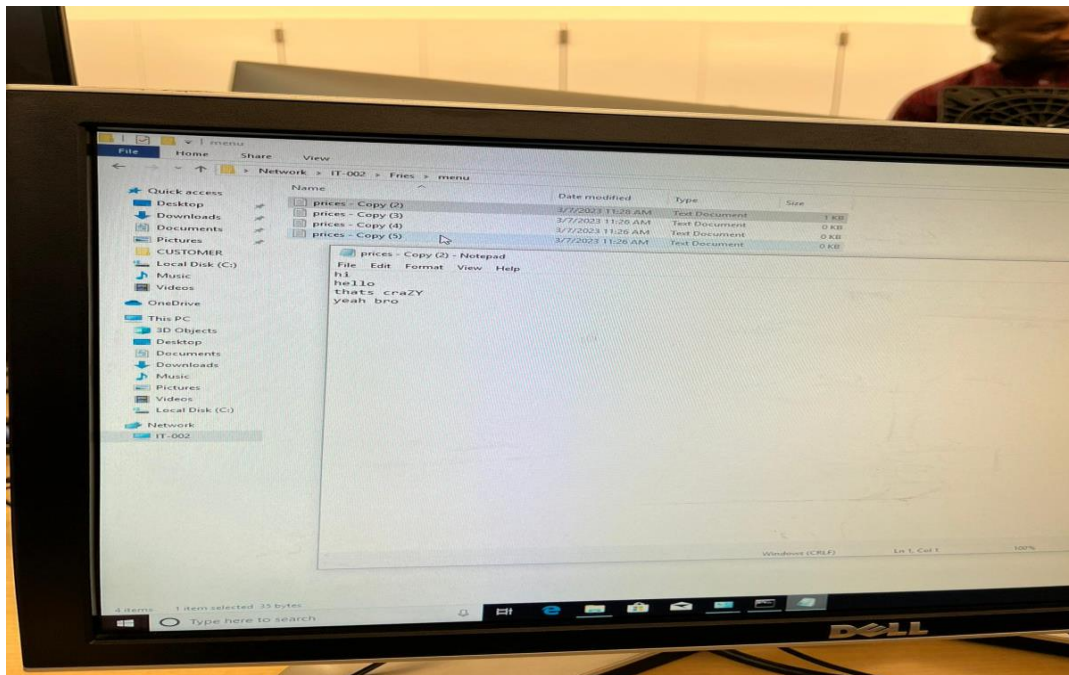
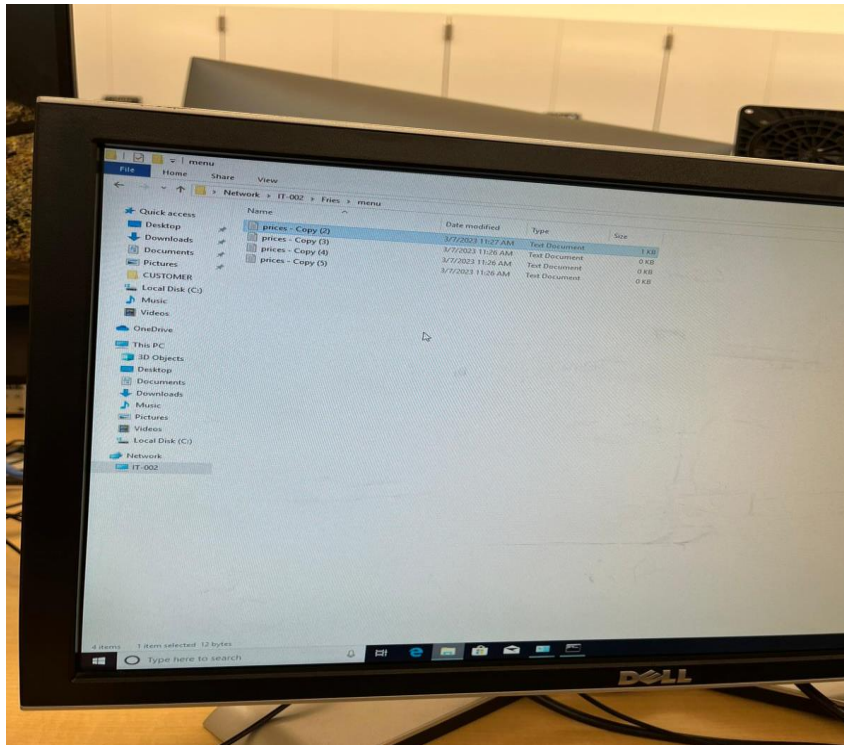
Then go back to the command prompt and write *ipconfig /all* again.



Now we have an IP address. How did it happen? Computers create their own IP address automatically for connecting to another computer.

Then go to the network you will see another computer's name there click on it, now if you make any changes there or, if any changes happen from another computer, you will see changes.







Then go to the web and write What's my IP address?

You will see your public IP address and if you research your IP address you can find its location.

