How to create and configure a virtual adapter
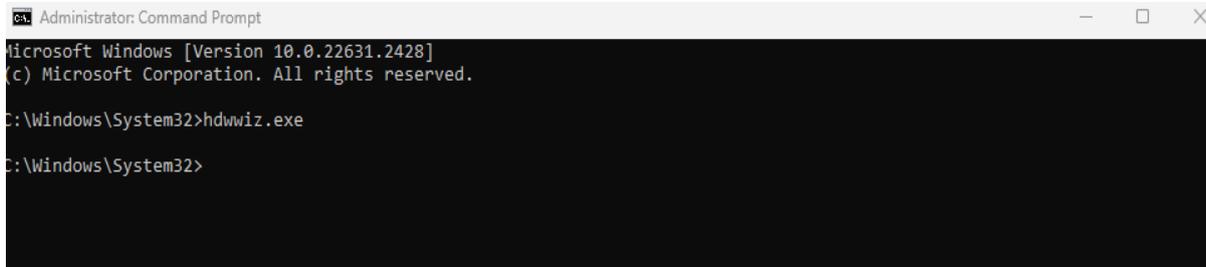
- **<u>Steps :</u>**

1- Run Command Prompt as administrator and run the command hdwwiz.exe:
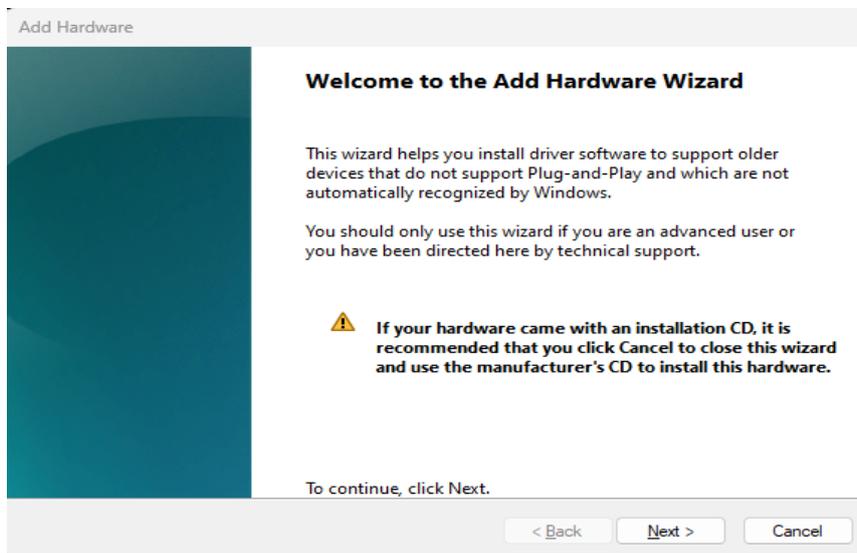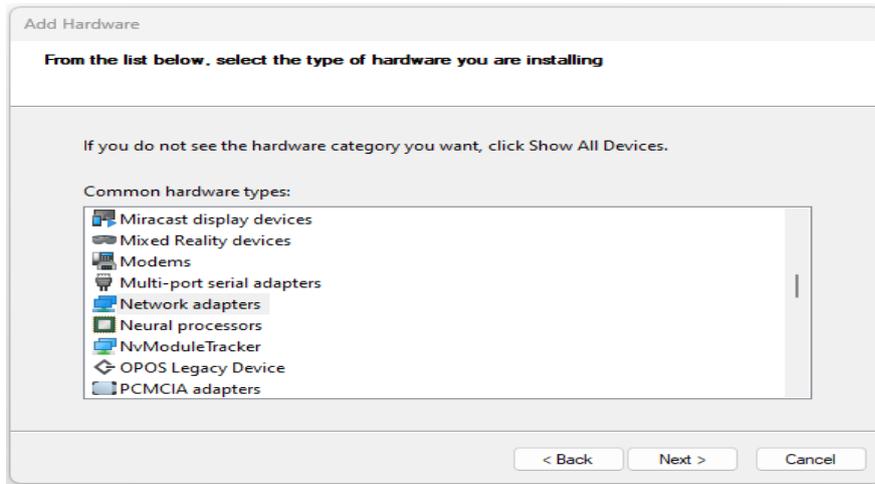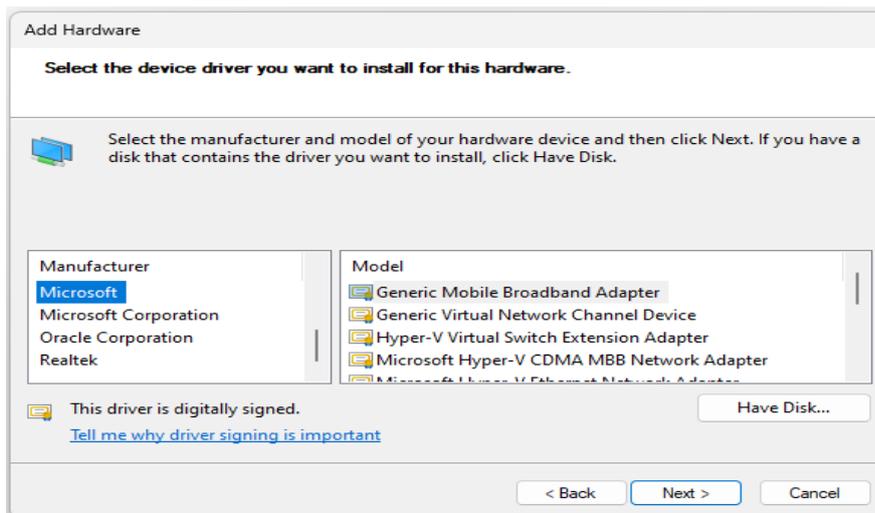

2- Click Next:

3- Select Install the hardware that I manually select from a list (Advanced), Then Click Next:
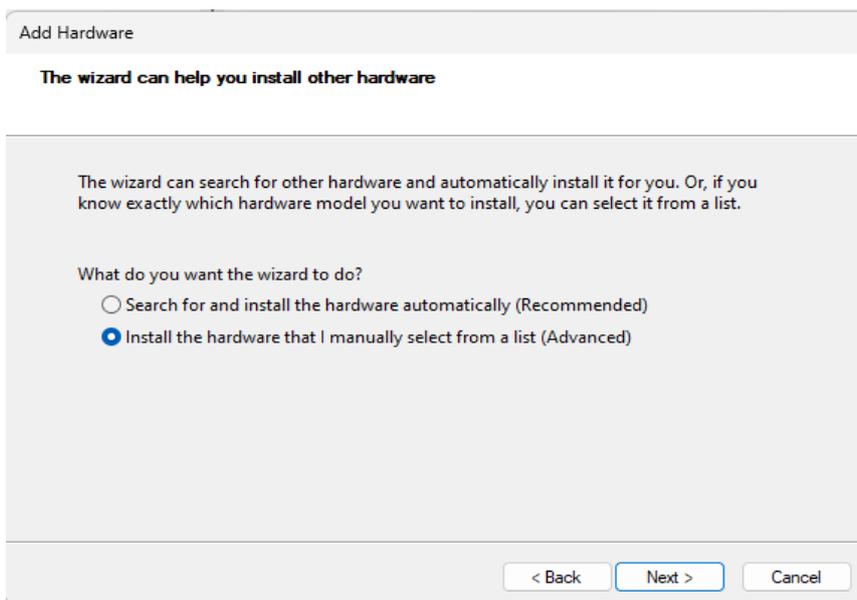
4- Scroll down the list and go till you see Network adapters in the list, and when you see, select it as shown below. Then Click Next:
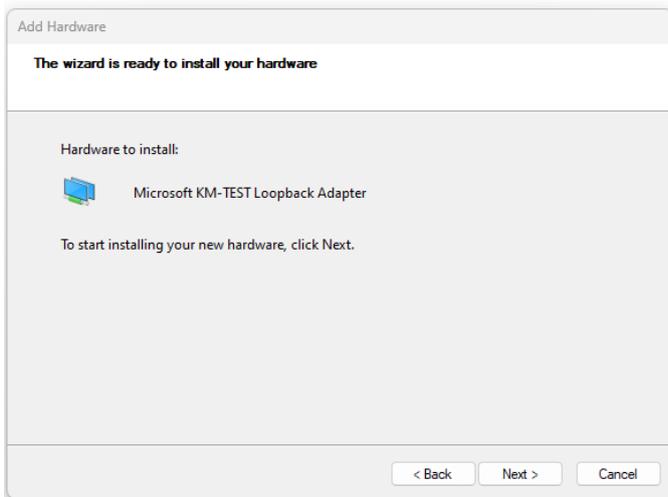

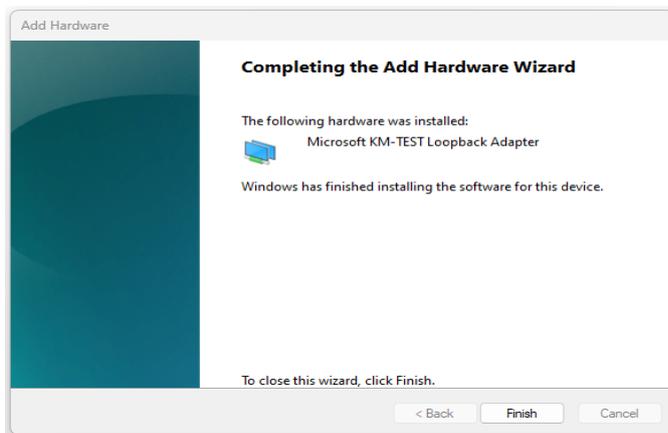5- On the left-hand panel (Manufacturer list), scroll down and look out for Microsoft:

6- Now scroll down the right-hand side list and look for Microsoft KM-TEST Loopback Adapter in the list. Select it as shown below. Then Click Next:
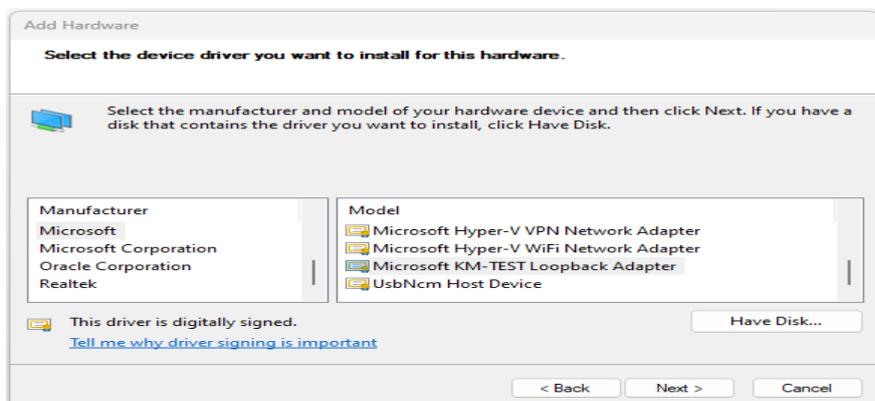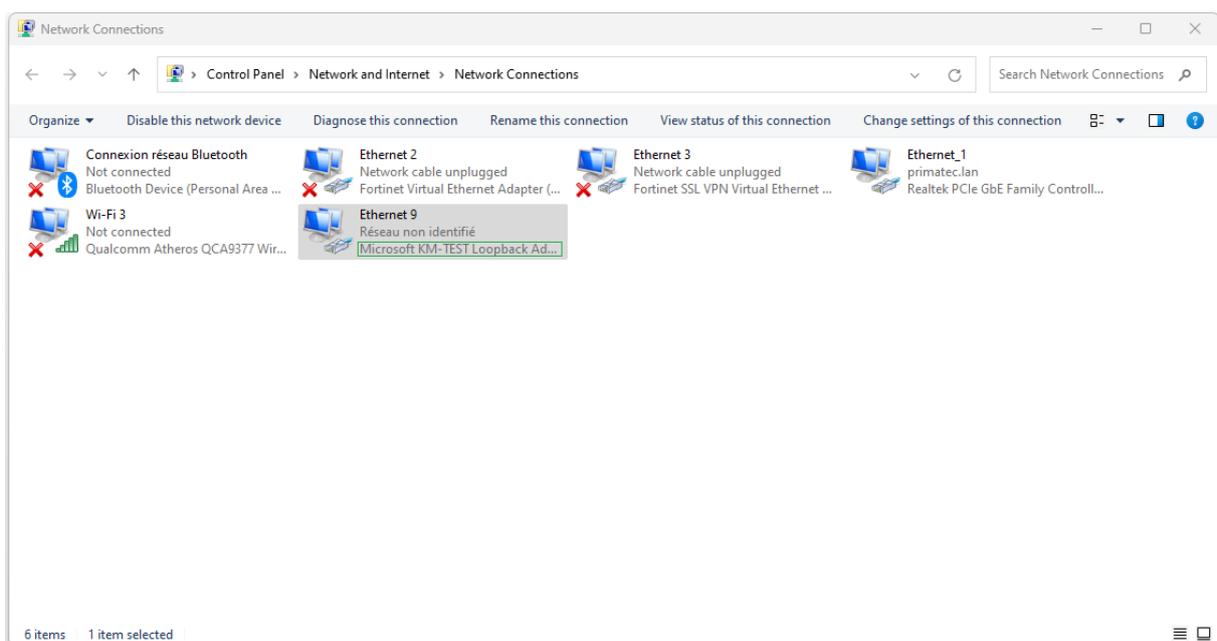
7- Once you click Next, windows will create the adapter and the finish window will appear as below:

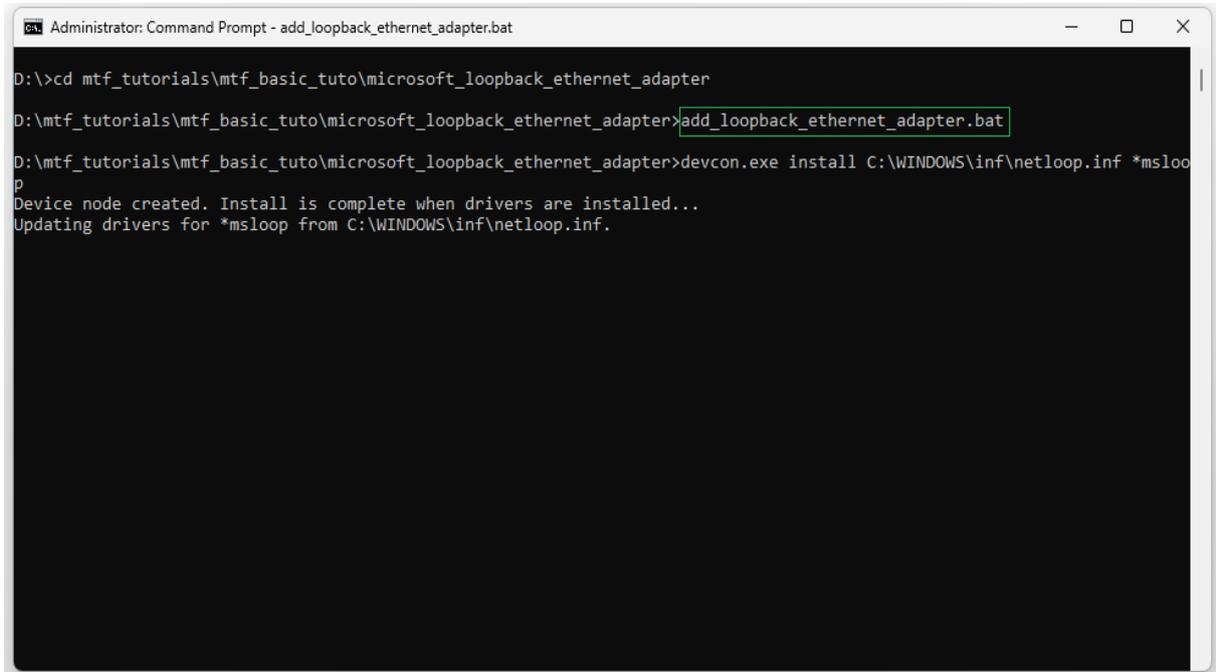8- Click Finish in the last window.
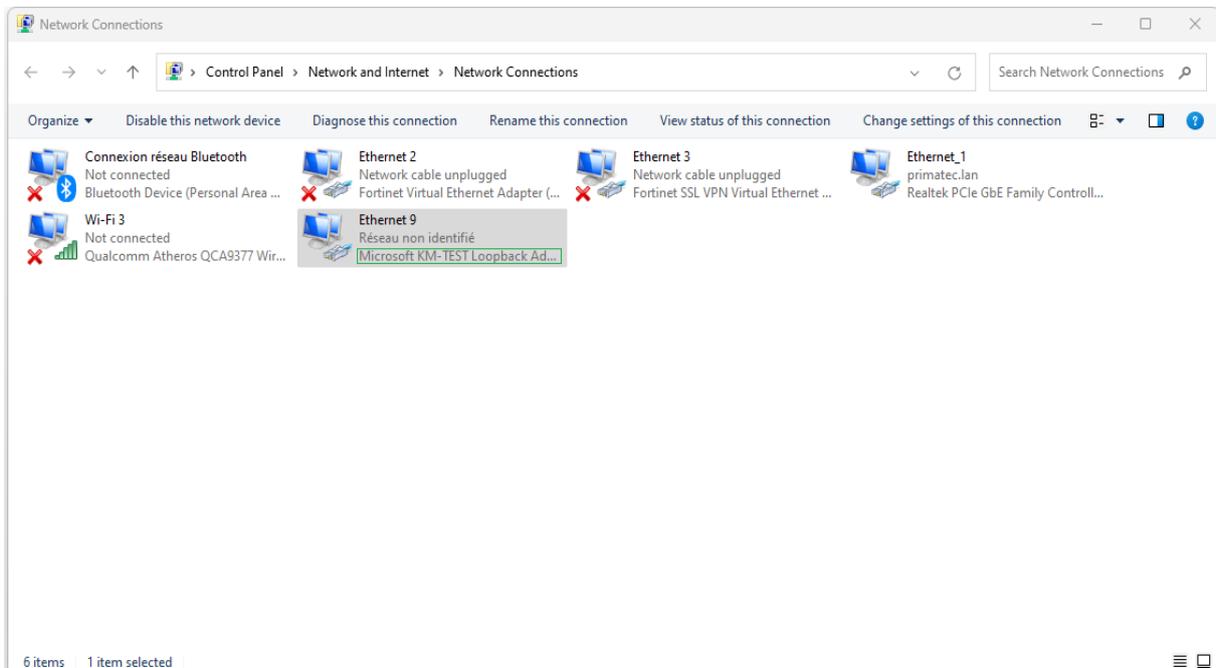

9- Check the adapter is created.

- **Method 2 :**

1- Open Command Prompt as administrator.

2- Using the cd command to change folder to
mtf_tutorials\mtf_basic_tuto\microsoft_loopback_ethernet_adapter .
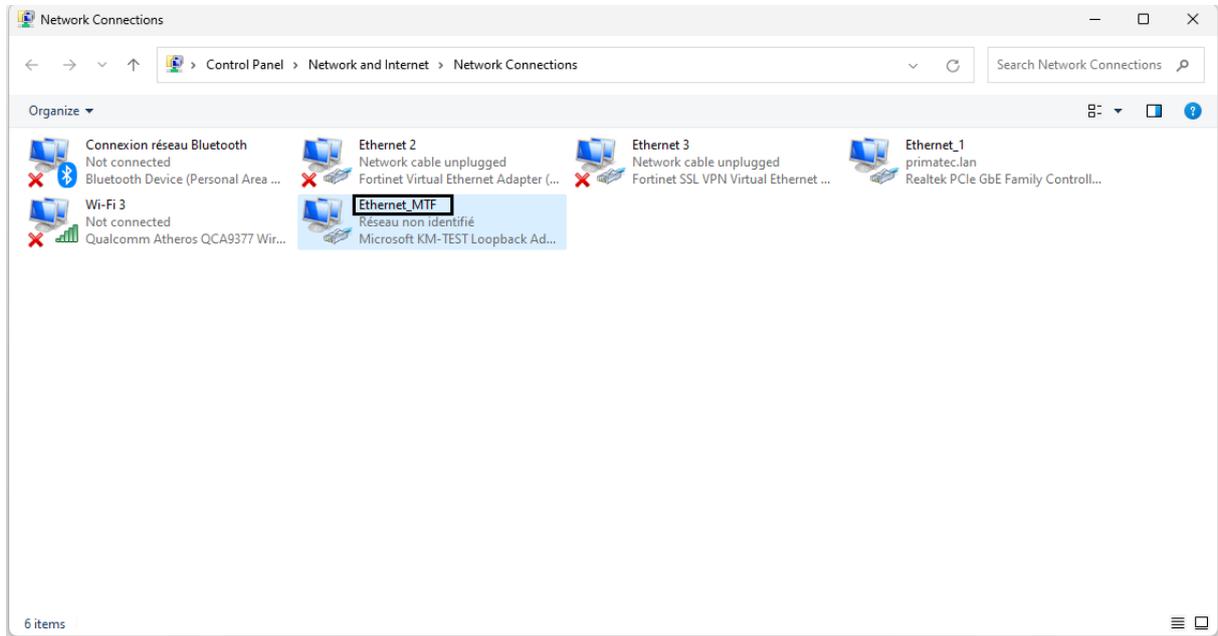
3- Run bat file "add_loopback_ethernet_adapter.bat":

4- Check the adapter is created:

The second step changing the naming of the adapter created by the last step, Then configure the needed IP address

1- Changing the naming of the adapter to Ethernet_MTF

2- Open Command Prompt as administrator.

3- Run python script
mtf_tutorials\mtf_basic_tuto\microsoft_loopback_ethernet_adapter\set_ips_address.py which is located under microsoft_loopback_ethernet_adapter folder.