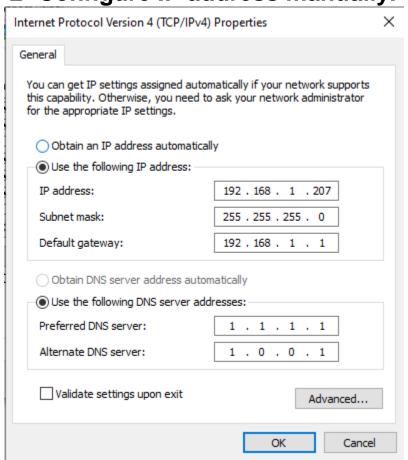
> 1- Ipconfig Command

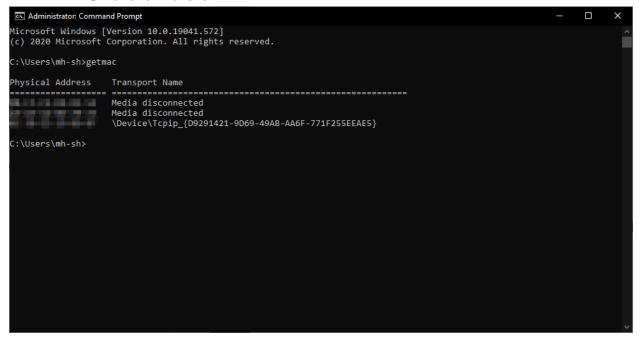
> 2- Configure IP address manually.



> 3- Ping Command

```
© C:\Windows\System32\cmd.ece - C:\W
```

>4- MAC address



5- ARP Command

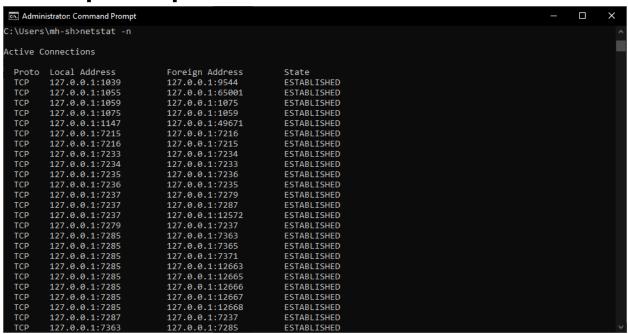
```
Administrator: Command Prompt
                                                                                                                                                                                                                        Microsoft Windows [Version 10.0.19041.572]
(c) 2020 Microsoft Corporation. All rights reserved.
 C:\Users\mh-sh>arp -a
Interface: 192.168.1.207 --- 0x17

Internet Address Physical A
192.168.1.1 74-da-88-2
192.168.1.23 20-47-da-1
192.168.1.255 ff-ff-ff-f
224.0.0.22 01-00-5e-6
                                            Physical Address
                                                                                        Type
dynamic
                                             74-da-88-22-0f-66
20-47-da-1a-c3-a1
ff-ff-ff-ff-ff
                                                                                        dynamic
                                                                                        static
                                             01-00-5e-00-00-16
    224.0.0.251
                                             01-00-5e-00-00-fb
                                                                                        static
   224.0.0.252
230.0.0.1
239.255.255.250
                                             01-00-5e-00-00-fc
01-00-5e-00-00-01
01-00-5e-7f-ff-fa
                                                                                        static
static
  ::\Users\mh-sh>arp -d
 C:\Users\mh-sh>arp -a
Interface: 192.168.1.207 --- 0x17
Internet Address Physical Address
192.168.1.1 74-da-88-22-0f-66
224.0.0.22 01-00-5e-00-00-16
230.0.0.1 01-00-5e-00-00-01
                                                                                        dynamic
                                                                                        static
                                                                                        static
 C:\Users\mh-sh>_
```

> 6- Routing Table Commands

```
Administrator: Command Prompt
  :\Users\mh-sh>route print
Interface List
        ? .....TAP-Windows Adapter V9
.....VPN Client Adapter - VPN
.....Intel(R) 82579LM Gigabit Network Connection
  1.....Software Loopback Interface 1
IPv4 Route Table
Active Routes:
                                                         Gateway
192.168.1.1
Network Destination
                                      Netmask
                                                                                    Interface Metric
                             0.0.0.0
255.0.0.0
             0.0.0.0
                                                                                192.168.1.207
  127.0.0.0 255.0.0.0
127.0.0.1 255.255.255
127.255.255.255 255.255.255
192.168.1.0 255.255.255.255
                                                                                     127.0.0.1
127.0.0.1
    192.168.1.0 255.255.255.0
192.168.1.207 255.255.255.255
192.168.1.255 255.255.255.255
224.0.00 240.0.00
224.0.00 240.0.00
5.255.255.255
                                                              On-link
                                                                                      127.0.0.1
                                                              On-link
                                                                                192.168.1.207
                                                                                                         291
                                                                               192.168.1.207
192.168.1.207
192.168.1.207
127.0.0.1
192.168.1.207
127.0.0.1
                                                              On-link
                                                              On-link
                                                              On-link
  255.255.255.255 255.255.255
255.255.255.255 255.255.255
                                                              On-link
                                                                                192.168.1.207
                                                              On-link
 ersistent Routes:
  Network Address
                                       Netmask Gateway Address Metric
              0.0.0.0
                                       0.0.0.0
                                                         192.168.1.1
```

> 7- Opened ports and sessions



> 8- Port Scanning

