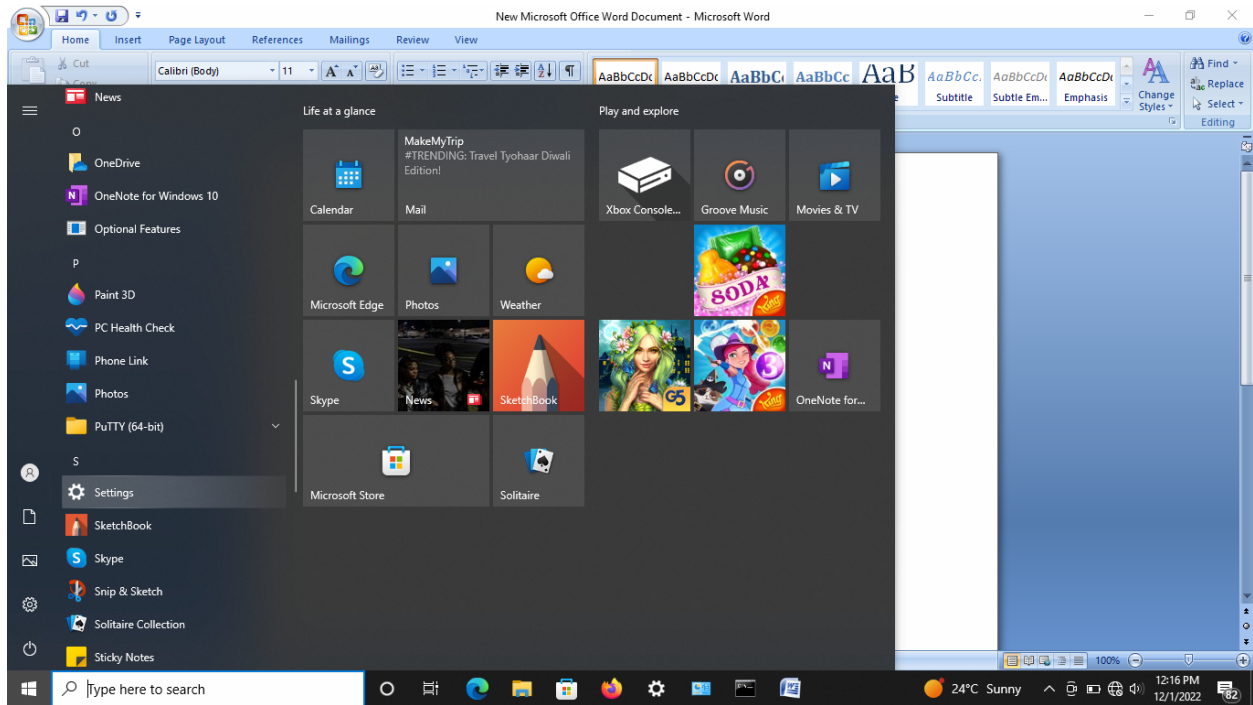


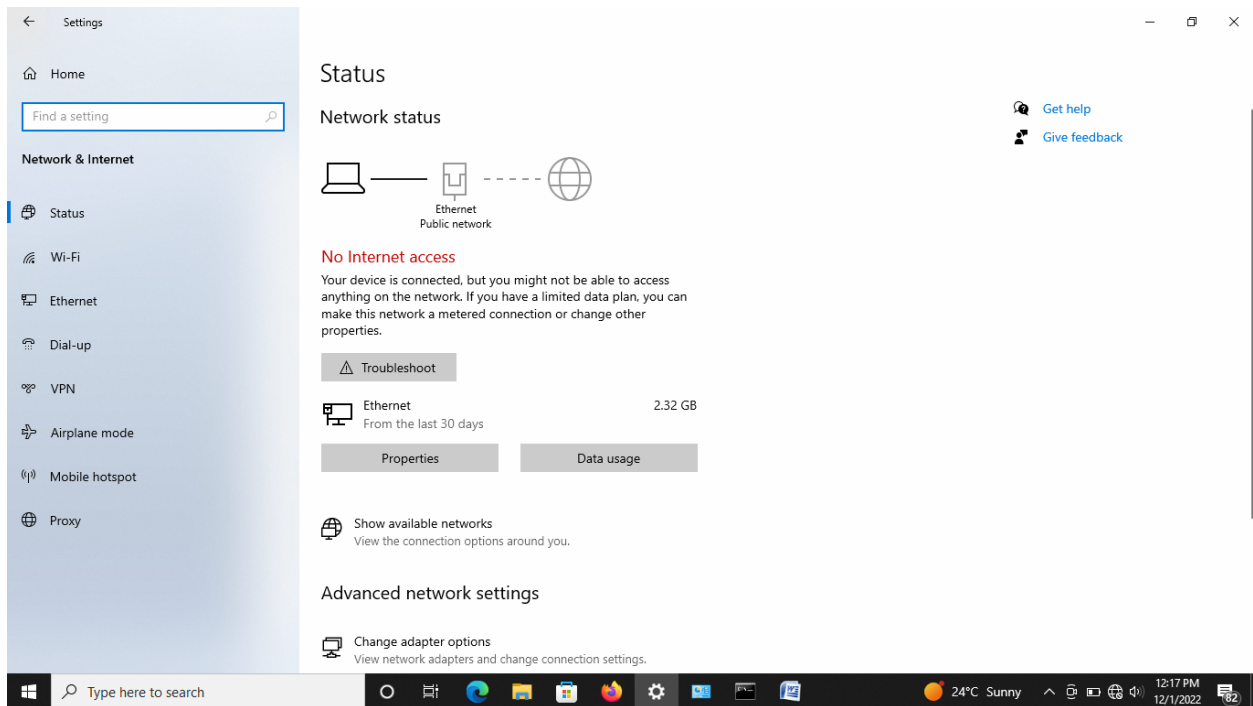
## Lab Program 7: Configure and connect the computer in LAN

Go to settings in PC

Click on start button--> settings

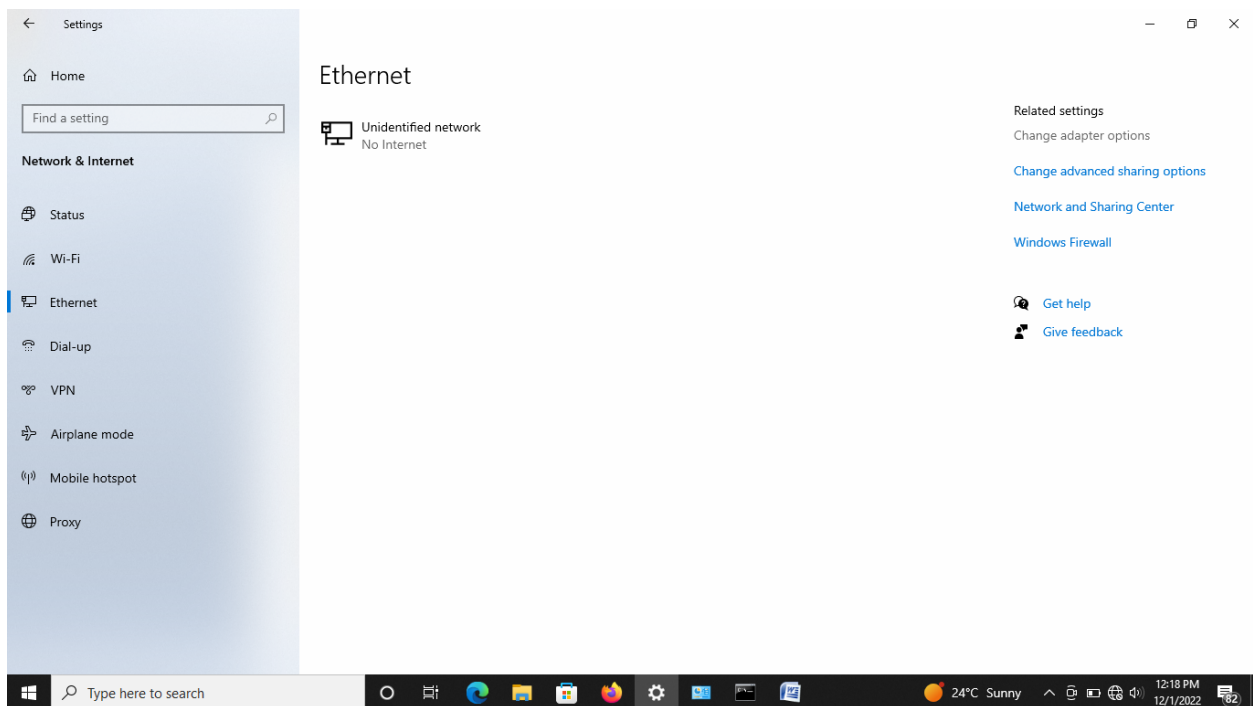


Select network and internet

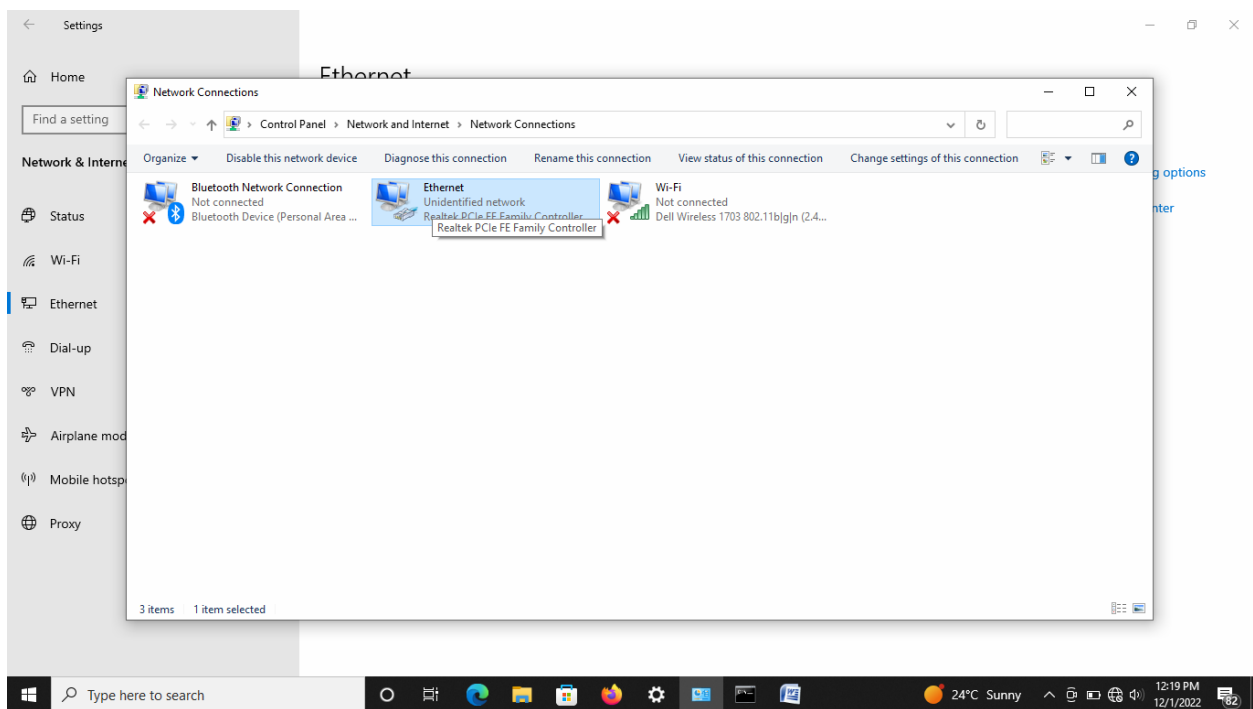


Select Ethernet on left side of the window

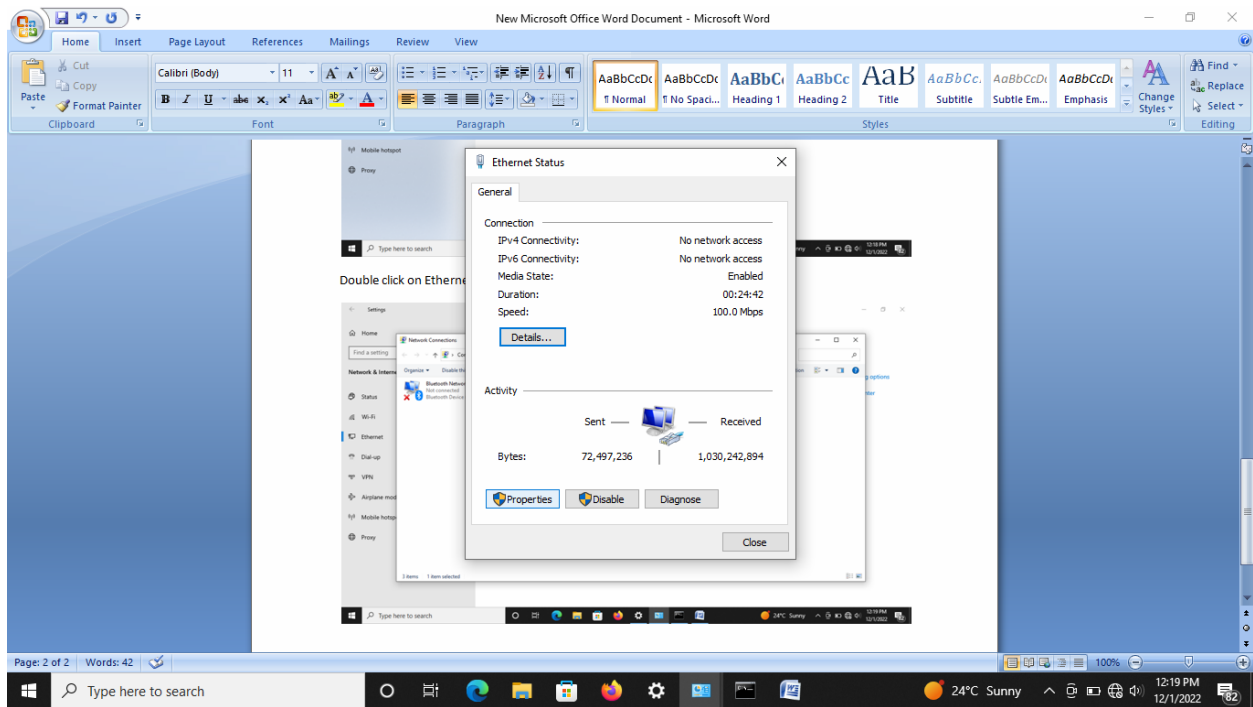
Select change adapter options on the right side of the screen



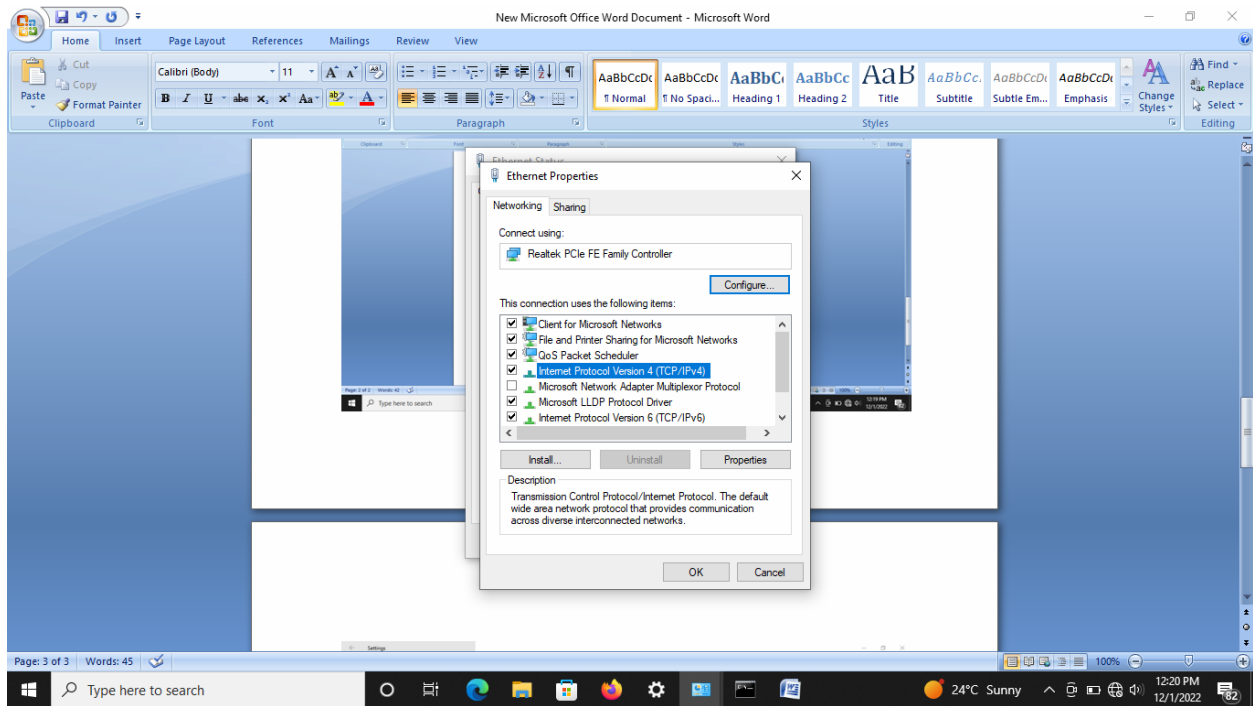
Double click on Ethernet



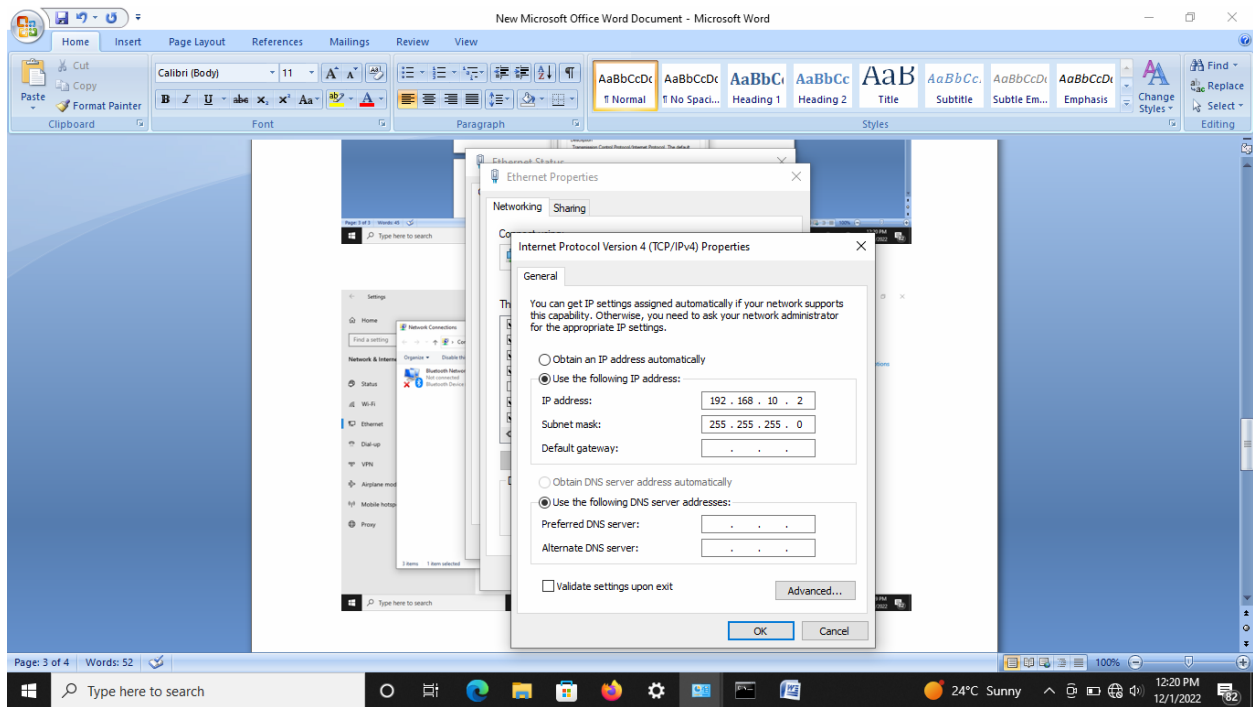
Click on properties



Highlight ipv4 protocol and click on properties



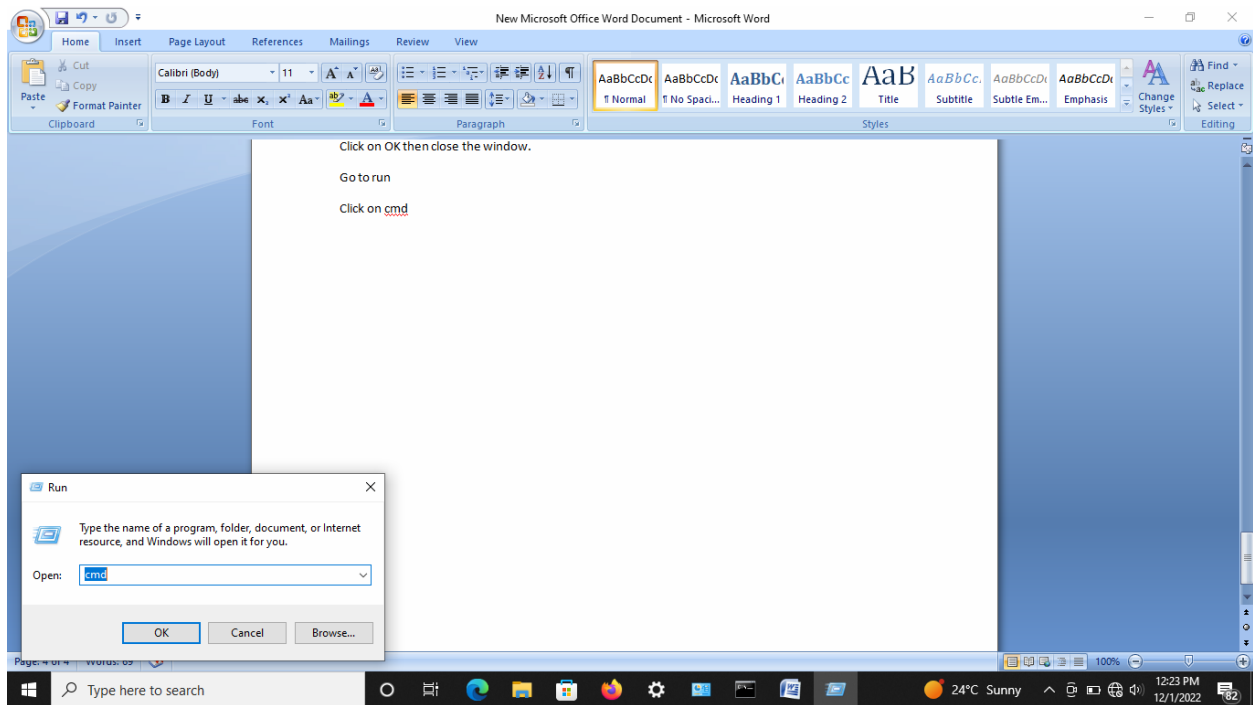
Select the manual settings



Click on OK then close the window.

Go to run

Click on cmd



In the terminal

## Type ipconfig

```
Select C:\WINDOWS\system32\cmd.exe

Wireless LAN adapter Local Area Connection* 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 3:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::ad3d:12a:88d:59%9
    IPv4 Address. . . . . : 192.168.10.2
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 172.16.35.254

Wireless LAN adapter Wi-Fi:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : rvce.in

Ethernet adapter Bluetooth Network Connection:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

C:\Users\jayasimhasr>
```

Observe the changes in the ip address

Use ping ip address to check the connectivity

```
Select C:\WINDOWS\system32\cmd.exe

Wireless LAN adapter Local Area Connection* 2:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Local Area Connection* 3:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . :
    Link-local IPv6 Address . . . . . : fe80::ad3d:12a:88d:59%9
    IPv4 Address. . . . . : 192.168.10.2
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 172.16.35.254

Wireless LAN adapter Wi-Fi:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . : rvce.in

Ethernet adapter Bluetooth Network Connection:

    Media State . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

C:\Users\jayasimhasr>ping 192.168.10.1

Pinging 192.168.10.1 with 32 bytes of data:
Reply from 192.168.10.1: bytes=32 time=1ms TTL=128
Reply from 192.168.10.1: bytes=32 time=1ms TTL=128
Reply from 192.168.10.1: bytes=32 time=15ms TTL=128
Reply from 192.168.10.1: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.10.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 15ms, Average = 4ms

C:\Users\jayasimhasr>
```