- Screenshot


```
Command Prompt
Microsoft Windows [Version 10.0.19045.4412]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>ipconfig

Windows IP Configuration


Ethernet adapter Ethernet:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::3d79:a7b4:7fed:b984%19
   IPv4 Address. . . . . . . . . . . : 192.168.56.1
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . :

Wireless LAN adapter Local Area Connection* 11:

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

Wireless LAN adapter Local Area Connection* 12:

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

Wireless LAN adapter Wi-Fi:

   Connection-specific DNS Suffix  . :
   Link-local IPv6 Address . . . . . : fe80::64fc:8f9b:25c1:da77%4
   IPv4 Address. . . . . . . . . . . : 192.168.1.3
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Default Gateway . . . . . . . . . : 192.168.1.1

Ethernet adapter Bluetooth Network Connection:

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

C:\Users\DELL>
```

- IP Address : IPv4 Address. . . . . : 192.168.1.3

- Subnet Mask : Subnet Mask . . . . : 255.255.255.0

- Network address :
  - IP Address : 11000000.10101000.00000001.00000011
  - Subnet Mask : 11111111.11111111.11111111.00000000
  - (AND) : 11000000.10101010.00000001.00000000
  - Network Address : 192.168.1.0

- Nodes that my network can support :
  - Here, Subnet mask : 255.255.255.0 (i.e. /24)
  - Total nodes : $2^{(32-24)} = 2^{(8)} = 256$
  - 2 nodes are reserved for network address and broadcast address.
  - Usable nodes : 256 - 2 = 254