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## PRACTICAL -2

Q. With the help of ping, check if you are connected to other systems of your network and find the Route to connect to that system using tracert. List all the processes which are using ports for TCP protocol.

### Ping :

```
C:\WINDOWS\system32>ping 192.168.35.223

Pinging 192.168.35.223 with 32 bytes of data:
Reply from 192.168.35.223: bytes=32 time<1ms TTL=128
Reply from 192.168.35.223: bytes=32 time<1ms TTL=128
Reply from 192.168.35.223: bytes=32 time<1ms TTL=128
Reply from 192.168.35.223: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.35.223:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

### tracert:

```
C:\WINDOWS\system32>tracert 192.168.35.223

Tracing route to 192.168.35.223 over a maximum of 30 hops:

  0  192.168.35.1
  1  Transmit error: code 1231.
Trace complete.
```

## Processes which are using ports for TCP protocol:

```
C:\WINDOWS\system32>netstat -at
```

### Active Connections

Proto	Local Address	Foreign Address	State	Offload State
TCP	0.0.0.0:135	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	0.0.0.0:445	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	0.0.0.0:5040	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	0.0.0.0:5357	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	0.0.0.0:49664	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	0.0.0.0:49665	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	0.0.0.0:49666	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	0.0.0.0:49667	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	0.0.0.0:49668	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	0.0.0.0:49669	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	127.0.0.1:65127	DESKTOP-36QMK26:0	LISTENING	InHost
TCP	192.168.35.223:139	DESKTOP-36QMK26:0	LISTENING	InHost