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## PRACTICAL-02

Q. WITH 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.

```
C:\Users\USER>ping www.google.com

Pinging www.google.com [172.217.166.4] with 32 bytes of data:
Reply from 172.217.166.4: bytes=32 time=5ms TTL=118
Reply from 172.217.166.4: bytes=32 time=8ms TTL=118
Reply from 172.217.166.4: bytes=32 time=8ms TTL=118
Reply from 172.217.166.4: bytes=32 time=11ms TTL=118

Ping statistics for 172.217.166.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 5ms, Maximum = 11ms, Average = 8ms
```

```
C:\Users\USER>tracert www.google.com

Tracing route to www.google.com [172.217.166.4]
over a maximum of 30 hops:

  1    21 ms    3 ms    3 ms    dlinkrouter [192.168.0.1]
  2    10 ms    4 ms   10 ms    10.194.0.1
  3     5 ms    5 ms   18 ms   broadband.actcorp.in [49.207.34.201]
  4     7 ms    5 ms   10 ms   broadband.actcorp.in [49.207.34.233]
  5     6 ms   14 ms    6 ms   broadband.actcorp.in [49.207.47.221]
  6     5 ms    5 ms    7 ms   142.251.249.1
  7     5 ms   10 ms    5 ms   209.85.252.45
  8    11 ms    7 ms    9 ms   del03s17-in-f4.1e100.net [172.217.166.4]

Trace complete.
```