

## EXPERIMENT 4:

### Output:

### tracert command:

```
Microsoft Windows [Version 10.0.19044.1889]
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C:\Users\A.V.NAGA KAVYA>tracert flipkart.com

Tracing route to flipkart.com [163.53.78.110]
over a maximum of 30 hops:

  0  3 ms  4 ms  8 ms  172.18.48.1
  1  2 ms  1 ms  1 ms  172.22.3.1
  2 12 ms 10 ms  4 ms  172.22.7.2
  3  *    7 ms  5 ms  ptpl-as56272-rev-241.121.235.180-chn.pulse.in [180.235.121.241]
  4 20 ms 22 ms  7 ms  61.95.248.189
  5 11 ms  8 ms 24 ms 116.119.35.195
  6 13 ms  9 ms  7 ms 125.17.245.170
  7  *    *    *    Request timed out.
  8  *    *    *    Request timed out.
  9  *    *    *    Request timed out.
 10  *    *    *    Request timed out.
 11  8 ms  7 ms  7 ms 163.53.78.110

Trace complete.

C:\Users\A.V.NAGA KAVYA>ping 172.18.48.1

Pinging 172.18.48.1 with 32 bytes of data:
```

### ping command:

```
10  *    *    *    Request timed out.
11  8 ms  7 ms  7 ms 163.53.78.110

Trace complete.

C:\Users\A.V.NAGA KAVYA>ping 172.18.48.1

Pinging 172.18.48.1 with 32 bytes of data:
Reply from 172.18.48.1: bytes=32 time=2ms TTL=255
Reply from 172.18.48.1: bytes=32 time=10ms TTL=255
Reply from 172.18.48.1: bytes=32 time=5ms TTL=255
Reply from 172.18.48.1: bytes=32 time=17ms TTL=255

Ping statistics for 172.18.48.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 17ms, Average = 8ms

C:\Users\A.V.NAGA KAVYA>ifconfig
'ifconfig' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\A.V.NAGA KAVYA>ipconfig
```

# ipconfig:

```
Command Prompt
C:\Users\A.V.NAGA KAVYA>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

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

Ethernet adapter Ethernet 2:

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

Wireless LAN adapter Local Area Connection* 1:

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

Wireless LAN adapter Local Area Connection* 2:

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

Wireless LAN adapter Wi-Fi:

    Connection-specific DNS Suffix  . : saveetha.net
    Link-local IPv6 Address . . . . . : fe80::1d01:338b:d580:3a37%19
    IPv4 Address. . . . . : 172.18.56.107
    Subnet Mask . . . . . : 255.255.240.0
    Default Gateway . . . . . : 172.18.48.1

C:\Users\A.V.NAGA KAVYA>netstat
```

# netstat command:

```
Command Prompt
C:\Users\A.V.NAGA KAVYA>netstat

Active Connections

Proto Local Address           Foreign Address         State
TCP    127.0.0.1:49673          LAPTOP-BTMMQH28:49674  ESTABLISHED
TCP    127.0.0.1:49674          LAPTOP-BTMMQH28:49673  ESTABLISHED
TCP    127.0.0.1:49675          LAPTOP-BTMMQH28:49676  ESTABLISHED
TCP    127.0.0.1:49676          LAPTOP-BTMMQH28:49675  ESTABLISHED
TCP    127.0.0.1:53823          LAPTOP-BTMMQH28:53825  ESTABLISHED
TCP    127.0.0.1:53825          LAPTOP-BTMMQH28:53823  ESTABLISHED
TCP    172.18.56.107:53862      20.198.119.84:https     ESTABLISHED
TCP    172.18.56.107:53880      104.40.53.219:https     CLOSE_WAIT
TCP    172.18.56.107:53901      104.208.16.0:https      CLOSE_WAIT
TCP    172.18.56.107:53923      40.70.161.7:https       CLOSE_WAIT
TCP    172.18.56.107:53927      a118-214-98-218:https   CLOSE_WAIT
TCP    172.18.56.107:54929      sf-in-f188:5228         ESTABLISHED
TCP    172.18.56.107:54943      a23-212-252-80:https    CLOSE_WAIT
TCP    172.18.56.107:54945      a-0003:https            CLOSE_WAIT
TCP    172.18.56.107:54946      a23-47-250-191:https    CLOSE_WAIT
TCP    172.18.56.107:54947      a184-86-250-19:https    CLOSE_WAIT
TCP    172.18.56.107:54948      a-0001:https            CLOSE_WAIT
TCP    172.18.56.107:54949      a-0001:https            CLOSE_WAIT
TCP    172.18.56.107:54950      a-0001:https            CLOSE_WAIT
TCP    172.18.56.107:54951      a-0001:https            CLOSE_WAIT
TCP    172.18.56.107:54952      a-0001:https            CLOSE_WAIT
TCP    172.18.56.107:54953      a-0001:https            CLOSE_WAIT
TCP    172.18.56.107:54954      a-0001:https            CLOSE_WAIT
TCP    172.18.56.107:54955      117.18.237.29:http      CLOSE_WAIT
TCP    172.18.56.107:54956      a23-47-250-191:https    CLOSE_WAIT
TCP    172.18.56.107:54973      40.99.9.178:https       CLOSE_WAIT
TCP    172.18.56.107:55035      a-0001:https            CLOSE_WAIT
TCP    172.18.56.107:55037      52.98.58.34:https       CLOSE_WAIT
TCP    172.18.56.107:55041      52.109.124.112:https    TIME_WAIT
TCP    172.18.56.107:55042      52.109.124.112:https    TIME_WAIT
TCP    172.18.56.107:55043      52.109.124.112:https    TIME_WAIT
TCP    172.18.56.107:55046      204.79.197.254:https    CLOSE_WAIT
TCP    172.18.56.107:55047      52.98.88.242:https      TIME_WAIT
TCP    172.18.56.107:55048      52.123.129.254:https    CLOSE_WAIT
TCP    172.18.56.107:55050      204.79.197.222:https    CLOSE_WAIT
TCP    172.18.56.107:55052      52.109.56.80:https      TIME_WAIT
TCP    172.18.56.107:55053      20.189.173.9:https      TIME_WAIT
TCP    172.18.56.107:55066      117.18.232.248:http     TIME_WAIT
```