

CN SE306 LAB

ASSIGNMENT – 1

Q. Run the following commands on your system.

- Ifconfig -a

```
akryadav@Ubuntu:~$ ifconfig -a
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
    inet6 fe80::fd67:cbfd:e604:5d9b prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:c1:72:78 txqueuelen 1000 (Ethernet)
    RX packets 105 bytes 45987 (45.9 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 192 bytes 26033 (26.0 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 138 bytes 11412 (11.4 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 138 bytes 11412 (11.4 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

- nslookup www.twitter.com

```
akryadav@Ubuntu:~$ nslookup www.twitter.com
Server:         127.0.0.53
Address:        127.0.0.53#53

Non-authoritative answer:
www.twitter.com canonical name = twitter.com.
Name:   twitter.com
Address: 104.244.42.65
```

- nslookup dtu.ac.in

```
akryadav@Ubuntu:~$ nslookup dtu.ac.in
Server:         127.0.0.53
Address:        127.0.0.53#53

Non-authoritative answer:
Name:   dtu.ac.in
Address: 14.139.251.99
Name:   dtu.ac.in
Address: 115.243.126.131
```

- nslookup www.google.com

```
akryadav@Ubuntu:~$ nslookup www.google.com
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
Name:   www.google.com
Address: 142.250.193.196
Name:   www.google.com
Address: 2404:6800:4002:81c::2004
```

- nslookup ww.msn.com

```
akryadav@Ubuntu:~$ nslookup www.msn.com
Server:      127.0.0.53
Address:     127.0.0.53#53

Non-authoritative answer:
www.msn.com canonical name = www-msn-com.a-0003.a-msedge.net.
www-msn-com.a-0003.a-msedge.net canonical name = icePrime.a-0003.dc-msedge.net.
icePrime.a-0003.dc-msedge.net canonical name = a-0003.dc-msedge.net.
Name:   a-0003.dc-msedge.net
Address: 131.253.33.203
```