# Assignment No – 3 (CSDF) (LP – IV)

**Code**

sonal@sonal-Vostro-3478:~$ ip route

default via 192.168.43.225 dev wlp3s0 proto static metric 600

169.254.0.0/16 dev wlp3s0 scope link metric 1000

172.17.0.0/16 dev dockero proto kernel scope link src 172.17.0.1 linkdown

192.168.43.0/24 dev wlp3s0 proto kernel scope link src 192.168.43.209 metric 600

sonal@sonal-Vostro-3478:~$

sonal@sonal-Vostro-3478:~$ nmap -SP -n 192.168.43.225/24

Starting Nmap 7.01 (https://nmap.org) at 2020-06-07 20:28 IST

Nmap scan report for 192.168.43.209

Host is up (0.00016s latency).

Nmap scan report for 192.168.43.225

Host is up (0.0076s latency).

Nmap done: 256 IP addresses (2 hosts up) scanned in 27.89 seconds

sonal@sonal-Vostro-3478:~$

sonal@sonal-Vostro-3478:-$ ifconfig

dockere Link encap: Ethernet HWaddr 02:42:7d:4f:fd:23

inet addr:172.17.0.1 Bcast:172.17.255.255 Mask: 255.255.0.0

UP BROADCAST MULTICAST MTU:1500 Metric:1

RX packets:0 errors:0 dropped:0 overruns:0 frame:0

TX packets:0 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen:0

RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

enp250 Link encap: Ethernet HWaddr 6c:2b:59:64:56:36

UP BROADCAST MULTICAST MTU:1500 Metric:1

RX packets:0 errors:0 dropped:0 overruns:0 frame:0

TX packets:0 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen: 1000

RX bytes:0 (0.0 B) TX bytes:0 (0.0 B)

Lo Link encap: Local Loopback

inet addr:127.0.0.1 Mask: 255.0.0.0

inet6 addr: ::1/128 Scope:Host UP LOOPBACK RUNNING MTU:65536 Metric:1

RX packets:5761 errors:0 dropped:0 overruns:0 frame:0

TX packets:5761 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen:1

RX bytes:814892 (814.8 KB) TX bytes:814892 (814.8 KB)

wlp3s0 Link encap: Ethernet HWaddr 34:e1:2d:26:7a:d7

inet addr:192.168.43.209 Bcast:192.168.43.255 Mask: 255.255.255.0

inet6 addr: fe80::a464:3377:5072:417a/64 Scope:Link

UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1

RX packets:61677 errors:0 dropped:0 overruns:0 frame:0

TX packets:61254 errors:0 dropped:0 overruns:0 carrier:0

collisions:0 txqueuelen: 1000

RX bytes:42361008 (42.3 MB) TX bytes:14224527 (14.2 MB)

sonal@sonal-Vostro-3478:-5

**Output –**

