### **ASSIGNMENT - 1**

#### Q-1) Perform Traffic Probe on at least 5 websites.

```
200420116059@kali:~$ echo -e "HEAD / HTTP/1.0\r\n\r\n" | nc -v www.scet.ac.in 80
Connection to www.scet.ac.in (136.243.80.165) 80 port [tcp/http] succeeded!
HTTP/1.1 200 OK
Date: Tue, 02 Aug 2022 06:07:36 GMT
Server: Apache
Upgrade: h2,h2c
Connection: Upgrade, close
Last-Modified: Thu, 28 Oct 2021 14:25:30 GMT
Accept-Ranges: bytes
Content-Length: 163
Cache-Control: no-cache, no-store, must-revalidate
Pragma: no-cache
Expires: 0
Content-Type: text/html
200420116059@kali:~$ ■
```

```
200420116059@kali:~$ echo -e "HEAD / HTTP/1.0\r\n\r\n" | nc -v www.google.com 80
Connection to www.google.com (172.253.115.147) 80 port [tcp/http] succeeded!
HTTP/1.0 200 0K
Content-Type: text/html; charset=ISO-8859-1
P3D: CP="This is not a P3P policy! See g.co/p3phelp for more info."
Date: Tue, 02 Aug 2022 06:13:54 GMT
Server: gws
X-XSS-Protection: 0
X-Frame-Options: SAMEORIGIN
Expires: Tue, 02 Aug 2022 06:13:54 GMT
Cache-Control: private
Set-Cookie: Pp_JAR-2022-08-02-06; expires=Thu, 01-Sep-2022 06:13:54 GMT; path=/; domain=.google.com; Secure
Set-Cookie: AEC=AakniGN_R0cgCfsbpArx05miGvu6mnp_xd4SgkAA4ugL8L59Nrn6JSjaS0k; expires=Sun, 29-Jan-2023 06:13:54 GMT; path=/; domain=.google.com; Secure
Set-Cookie: NID=511=EVm-MWaqMuahK0ZK4K_EobEmgBhYjUc9r0n1QPcWDS3tJRaO3H9PrvP33HnV8Q7UWH4FNXxFj06WuKE6rVcfxl0GwvoEyLcZrbl7r3fPqGFneYcGwMzbz-5eZlfPALhf9GjPWzrhiZ-8f9nwPHL4iQmQ_pCPF65fDL6Xu2NiqD8; expires=Wed, 01-Feb-2023 06:13:54 GMT; path=/; domain=.google.com; HttpOnly
```

```
200420116059@kali:~$ echo -e "HEAD / HTTP/1.0\r\n\r\n" | nc -v www.gmail.com 80
Connection to www.gmail.com (172.253.115.83) 80 port [tcp/http] succeeded!
HTTP/1.0 200 0K
Content-Type: text/html; charset=ISO-8859-1
P3P: CP="This is not a P3P policy! See g.co/p3phelp for more info."
Date: Tue, 02 Aug 2022 06:15:58 GMT
Server: gws
X-XSS-Protection: 0
X-Frame-Options: SAMEORIGIN
Expires: Tue, 02 Aug 2022 06:15:58 GMT
Cache-Control: private
Set-Cookie: 1P_JAR=2022-08-02-06; expires=Thu, 01-Sep-2022 06:15:58 GMT; path=/; domain=.google.com; Secure
Set-Cookie: AEC=AakniGMxPoZPdPeJBB5zC80D5PqPsKkvW0-bq0-4aLBylQUjsF5Vanq3Qgw; expires=Sun, 29-Jan-2023 06:15:58 GMT; path=/; domain=.google.com; Secure; HttpOnly; SameSite=lax
Set-Cookie: NID=511=uRPQLaIOecOEie9xW7jgBNcR1FNMxNtgnDmr51uf5-G4ypysMe0i9L1btGuhfRTS7bNi9SN52gaTVzmXeP9jUYNDyxwke7etnmaiZXV0h170FUJryje26
6xZyd1OWfUHudzEmc9gmjlQZnOCslb-MazWMYkSlznnMmW5wAMqS_Y; expires=Wed, 01-Feb-2023 06:15:58 GMT; path=/; domain=.google.com; HttpOnly
```

```
200420116059@kali:~$ echo -e "HEAD / HTTP/1.0\r\n\r\n" | nc -v www.drive.google.com 80
Connection to www.drive.google.com (172.253.122.189) 80 port [tcp/http] succeeded!
HTTP/1.0 200 0K
Content-Type: text/html; charset=ISO-8859-1
P39: CP="This is not a P3P policy! See g.co/p3phelp for more info."
Date: Tue, 02 Aug 2022 06:19:14 GMT
Server: gws
X-XSS-Protection: 0
X-Frame-Options: SAMEORIGIN
Expires: Tue, 02 Aug 2022 06:19:14 GMT
Cache-Control: private
Set-Cookie: 1P_JAR=2022-08-02-06; expires=Thu, 01-Sep-2022 06:19:14 GMT; path=/; domain=.google.com; Secure
Set-Cookie: AEC=AakniGOCSTSCSVOGOwuhVjS-V0p1irzikRhyNptkFa4qBULCpcvVINsj7A; expires=Sun, 29-Jan-2023 06:19:14 GMT; path=/; domain=.google.com; Secure; HttpOnly; SameSite=lax
Set-Cookie: NID=511=V6t3M7Tg3RlsDDW3MLqmSZehNTOSu9tC8jkpio2wlE6TPYXKSq8AMO2Jh_xYykOy_VZKg4KKTo7kdoY2xFe3S3cJ0BSMxo4Yst1VUGu4dSu8lWSFZfWTu
6YeLSrfdYjbYcQhbukugeYtIy-3-IcSkDF6fL4C0mTk-b6HEUjPczI; expires=Wed, 01-Feb-2023 06:19:14 GMT; path=/; domain=.google.com; HttpOnly
```

```
200420116059@kali:~$ echo -e "HEAD / HTTP/1.0\r\n\r\n" | nc -v meet.google.com 80
Connection to meet.google.com (172.253.122.101) 80 port [tcp/http] succeeded!
HTTP/1.0 200 0K
Content-Type: text/html; charset=ISO-8859-1
P3P: CP="This is not a P3P policy! See g.co/p3phelp for more info."
Date: Tue, 02 Aug 2022 06:23:52 GMT
Server: gws
X-XSS-Protection: 0
X-Frame-Options: SAMEORIGIN
Expires: Tue, 02 Aug 2022 06:23:52 GMT
Cache-Control: private
Set-Cookie: 1P_JAR=2022-08-02-06; expires=Thu, 01-Sep-2022 06:23:52 GMT; path=/; domain=.google.com; Secure
Set-Cookie: AEC=AakniGo_xeEn0FfKahDihjlbr0sRT3ZtueqkUcFjWwbVpMbudd5kVccLR30; expires=Sun, 29-Jan-2023 06:23:52 GMT; path=/; domain=.google.com; Secure; HttpOnly; SameSite=lax
Set-Cookie: NID=511=JaRBZo_4fESmrDNS1Ryc8mt5VEgiyMqZ035iri429_evTe-LNTkr2nzrdrV0Kz6RQkMFn5U_TAsLgdiaUlmzu8-T12gY5080fDpyu_DauBIRqn7hN6E9a
NxnBs0hpielRreDRcWEy-tg9UgnoSerpX3vMlQd7GKDA9SpR8t9DnU; expires=Wed, 01-Feb-2023 06:23:52 GMT; path=/; domain=.google.com; HttpOnly
```

#### Q-2) Ping at least 5 websites on the internet.

```
200420116059@kali:~$ ping www.google.com
PING www.google.com (172.253.122.106) 56(84) bytes of data.
64 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=1 ttl=49 time=1.65 ms
64 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=2 ttl=49 time=1.65 ms
64 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=3 ttl=49 time=1.72 ms
64 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=4 ttl=49 time=1.66 ms
64 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
65 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
66 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
67 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
68 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
69 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
60 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
60 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
60 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
61 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
62 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
63 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
64 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
65 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
66 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
67 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
68 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
69 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 time=1.65 ms
60 bytes from bh-in-f106.1e100.net (172.253.122.106): icmp_seq=5 ttl=49 tim
```

```
200420116059@kali:~$ ping www.youtube.com
PING youtube-ui.l.google.com (172.253.62.93) 56(84) bytes of data.
64 bytes from bc-in-f93.1e100.net (172.253.62.93): icmp_seq=1 ttl=97 time=1.38 ms
64 bytes from bc-in-f93.1e100.net (172.253.62.93): icmp_seq=2 ttl=97 time=1.70 ms
64 bytes from bc-in-f93.1e100.net (172.253.62.93): icmp_seq=3 ttl=97 time=1.38 ms
64 bytes from bc-in-f93.1e100.net (172.253.62.93): icmp_seq=4 ttl=97 time=1.39 ms
64 bytes from bc-in-f93.1e100.net (172.253.62.93): icmp_seq=5 ttl=97 time=1.41 ms
^C
--- youtube-ui.l.google.com ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4005ms
rtt min/avg/max/mdev = 1.375/1.449/1.703/0.127 ms
200420116059@kali:~$
```

```
200420116059@kali:~$ ping www.gmail.com
PING www.gmail.com (172.253.122.17) 56(84) bytes of data.
64 bytes from bh-in-f17.1e100.net (172.253.122.17): icmp_seq=1 ttl=96 time=1.62 ms
64 bytes from bh-in-f17.1e100.net (172.253.122.17): icmp_seq=2 ttl=96 time=1.69 ms
64 bytes from bh-in-f17.1e100.net (172.253.122.17): icmp_seq=3 ttl=96 time=1.71 ms
64 bytes from bh-in-f17.1e100.net (172.253.122.17): icmp_seq=4 ttl=96 time=1.69 ms
64 bytes from bh-in-f17.1e100.net (172.253.122.17): icmp_seq=5 ttl=96 time=1.75 ms
65 bytes from bh-in-f17.1e100.net (172.253.122.17): icmp_seq=5 ttl=96 time=1.75 ms
66 bytes from bh-in-f17.1e100.net (172.253.122.17): icmp_seq=5 ttl=96 time=1.75 ms
67 croww.gmail.com ping statistics crowww.gmail.com ping statistics crowww.gmail
```

```
200420116059@kali:~$ ping www.website.com
PING www.website.com (104.22.66.195) 56(84) bytes of data.
64 bytes from 104.22.66.195 (104.22.66.195): icmp_seq=1 ttl=49 time=0.695 ms
64 bytes from 104.22.66.195 (104.22.66.195): icmp_seq=2 ttl=49 time=0.748 ms
64 bytes from 104.22.66.195 (104.22.66.195): icmp_seq=3 ttl=49 time=0.710 ms
64 bytes from 104.22.66.195 (104.22.66.195): icmp_seq=4 ttl=49 time=0.763 ms
64 bytes from 104.22.66.195 (104.22.66.195): icmp_seq=5 ttl=49 time=0.757 ms
^C
--- www.website.com ping statistics --
5 packets transmitted, 5 received, 0% packet loss, time 4006ms
rtt min/avg/max/mdev = 0.695/0.734/0.763/0.027 ms
200420116059@kali:~$
```

```
200420116059@kali:~$ ping www.scet.ac.in
PING scet.ac.in (136.243.80.165) 56(84) bytes of data.
64 bytes from lynx1.adaptable.services (136.243.80.165): icmp_seq=1 ttl=37 time=98.8 ms
64 bytes from lynx1.adaptable.services (136.243.80.165): icmp_seq=9 ttl=37 time=98.8 ms
64 bytes from lynx1.adaptable.services (136.243.80.165): icmp_seq=10 ttl=37 time=98.7 ms
64 bytes from lynx1.adaptable.services (136.243.80.165): icmp_seq=11 ttl=37 time=98.8 ms
64 bytes from lynx1.adaptable.services (136.243.80.165): icmp_seq=12 ttl=37 time=98.8 ms
64 bytes from lynx1.adaptable.services (136.243.80.165): icmp_seq=12 ttl=37 time=98.8 ms
64 bytes from lynx1.adaptable.services (136.243.80.165): icmp_seq=13 ttl=37 time=98.8 ms
65 bytes from lynx1.adaptable.services (136.243.80.165): icmp_seq=13 ttl=37 time=98.8 ms
66 bytes from lynx1.adaptable.services (136.243.80.165): icmp_seq=13 ttl=37 time=98.8 ms
67 croscet.ac.in ping statistics ---
13 packets transmitted, 6 received, 53.8462% packet loss, time 12165ms
rtt min/avg/max/mdev = 98.733/98.783/98.814/0.028 ms
200420116059@kali:~$
```

## Q-3) Perform TCP Scan on any Five Hosts and scan port numbers 1-20 with netcat.

```
200420116059@kali:~$ nc -vz www.avadhprojects.com 1-20
nc: connect to www.avadhprojects.com (85.187.128.46) port 1 (tcp) failed: Connection refused
nc: connect to www.avadhprojects.com (85.187.128.46) port 2 (tcp) failed: Connection refused nc: connect to www.avadhprojects.com (85.187.128.46) port 3 (tcp) failed: Connection refused nc: connect to www.avadhprojects.com (85.187.128.46) port 4 (tcp) failed: Connection refused nc: connect to www.avadhprojects.com (85.187.128.46) port 5 (tcp) failed: Connection refused
                                                                                                   port 6 (tcp) failed: Connection refused
port 7 (tcp) failed: Connection refused
port 8 (tcp) failed: Connection refused
port 9 (tcp) failed: Connection refused
nc: connect to www.avadhprojects.com (85.187.128.46)
                                                                                                   port 10 (tcp) failed: Connection refused
port 11 (tcp) failed: Connection refused
port 12 (tcp) failed: Connection refused
port 13 (tcp) failed: Connection refused
nc: connect to www.avadhprojects.com (85.187.128.46)
                                                                                                    port 14 (tcp)
                                                                                                                   (tcp) failed: Connection refused
(tcp) failed: Connection refused
                                                                                                              15
                                                                                                    port
nc: connect to www.avadhprojects.com (85.187.128.46) port 16
nc: connect to www.avadhprojects.com (85.187.128.46) port 17 (tcp) failed: Connection refused
nc: connect to www.avadhprojects.com (85.187.128.46) port 18 (tcp) failed: Connection refused nc: connect to www.avadhprojects.com (85.187.128.46) port 19 (tcp) failed: Connection refused nc: connect to www.avadhprojects.com (85.187.128.46) port 20 (tcp) failed: Connection refused
200420116059@kali:~$
```

```
200420116059@kali:~$ nc -vz www.hitinfotech.com 1-20
nc: connect to www.hitinfotech.com (216.10.240.133) port 1 (tcp) failed: Connection refused
                                                                                       port 2 (tcp) failed: Connection refused
nc: connect to www.hitinfotech.com (216.10.240.133)
                                                                                                   (tcp) failed: Connection refused
nc: connect to www.hitinfotech.com (216.10.240.133)
                                                                                       port 3
                                                                                                   (tcp) failed: Connection refused
(tcp) failed: Connection refused
(tcp) failed: Connection refused
nc: connect to www.hitinfotech.com (216.10.240.133)
                                                                                       port 4
nc: connect to www.hitinfotech.com (216.10.240.133)
                                                                                       port 5
nc: connect to www.hitinfotech.com (216.10.240.133)
                                                                                       port 6
                                                                                                    (tcp) failed: Connection refused
nc: connect to www.hitinfotech.com (216.10.240.133)
                                                                                       port
                                                                                                   (tcp) failed: Connection refused
(tcp) failed: Connection refused
nc: connect to www.hitinfotech.com (216.10.240.133)
                                                                                       port 8
                         www.hitinfotech.com (216.10.240.133)
nc: connect to
                                                                                               9
                                                                                       port
                                                                                                    (tcp) failed: Connection refused
nc: connect to www.hitinfotech.com (216.10.240.133)
                                                                                       port 10
nc: connect to www.hitinfotech.com (216.10.240.133)
                                                                                                     (tcp) failed: Connection refused
                                                                                       port 11
                                                                                       port 12 (tcp) failed: Connection refused
port 13 (tcp) failed: Connection refused
port 14 (tcp) failed: Connection refused
port 15 (tcp) failed: Connection refused
nc: connect to www.hitinfotech.com (216.10.240.133)
nc: connect to www.hitinfotech.com (216.10.240.133) port 15 (tcp) failed: Connection refused nc: connect to www.hitinfotech.com (216.10.240.133) port 16 (tcp) failed: Connection refused nc: connect to www.hitinfotech.com (216.10.240.133) port 17 (tcp) failed: Connection refused nc: connect to www.hitinfotech.com (216.10.240.133) port 18 (tcp) failed: Connection refused nc: connect to www.hitinfotech.com (216.10.240.133) port 19 (tcp) failed: Connection refused nc: connect to www.hitinfotech.com (216.10.240.133) port 20 (tcp) failed: Connection refused
```

```
nc: connect to www.rudraitech.co.in (207.174.212.247) port 1 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 2 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 3 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 3 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 4 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 5 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 6 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 7 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 8 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 9 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 10 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 11 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 12 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 13 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 15 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 15 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 15 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 15 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 15 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 15 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 16 (tcp) failed: Connection refused nc: connect to www.rudraitech.co.in (207.174.212.247) port 19
```

```
200420116059@kali:~$ nc -vz www.itech.co.in 1-20
nc: connect to www.itech.co.in (148.66.142.177) port 1 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 2 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 3 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 4 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 5 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 6 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 7 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 8 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 9 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 10 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 11 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 12 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 13 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 14 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 15 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 15 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 15 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 15 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 17 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 17 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 18 (tcp) failed: Connection refused
nc: connect to www.itech.co.in (148.66.142.177) port 18 (tcp) failed: Connection refused
```

```
200420116059@kali:~$ nc -vz www.mdgroup.co.in 1-20
nc: connect to www.mdgroup.co.in (95.217.140.39) port 1 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 2 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 3 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 4 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 5 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 6 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 7 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 8 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 9 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 10 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 11 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 12 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 13 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 14 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 15 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 16 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 17 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 18 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 19 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 19 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 19 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 19 (tcp) failed: No route to host
nc: connect to www.mdgroup.co.in (95.217.140.39) port 19 (tcp) faile
```

### Q-4) Perform UDP scan on any Five Hosts and scan port numbers 1-20 with netcat.

```
200420116059@kali:~$ nc -vz -u www.google.com 1-20
Connection to www.google.com (172.217.13.228) 1 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 2 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 3 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 4 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 5 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 6 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 7 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 8 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 9 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 10 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 11 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 12 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 13 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 15 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 15 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 16 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 18 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 19 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 20 port [udp/*] succeeded!
Connection to www.google.com (172.217.13.228) 20 port [udp/*] succeeded!
```

```
200420116059@kali:~$ nc -vz -u www.youtube.com 1-20

Connection to www.youtube.com (142.250.188.46) 1 port [udp/*] succeeded!

Connection to www.youtube.com (142.250.73.238) 2 port [udp/*] succeeded!

Connection to www.youtube.com (142.250.65.78) 3 port [udp/*] succeeded!

Connection to www.youtube.com (142.250.31.190) 4 port [udp/*] succeeded!

Connection to www.youtube.com (142.250.31.190) 4 port [udp/*] succeeded!

Connection to www.youtube.com (172.253.63.136) 5 port [udp/*] succeeded!

Connection to www.youtube.com (172.253.63.136) 6 port [udp/*] succeeded!

Connection to www.youtube.com (172.253.63.93) 7 port [udp/echo] succeeded!

Connection to www.youtube.com (172.217.164.142) 9 port [udp/*] succeeded!

Connection to www.youtube.com (172.217.13.78) 10 port [udp/*] succeeded!

Connection to www.youtube.com (172.217.13.78) 10 port [udp/*] succeeded!

Connection to www.youtube.com (142.251.45.110) 12 port [udp/*] succeeded!

Connection to www.youtube.com (142.251.16.190) 13 port [udp/aytime] succeeded!

Connection to www.youtube.com (142.251.16.93) 15 port [udp/*] succeeded!

Connection to www.youtube.com (142.251.16.91) 16 port [udp/*] succeeded!

Connection to www.youtube.com (142.251.16.91) 16 port [udp/*] succeeded!

Connection to www.youtube.com (142.251.16.91) 18 port [udp/*] succeeded!

Connection to www.youtube.com (142.250.188.46) 17 port [udp/*] succeeded!

Connection to www.youtube.com (142.250.73.238) 18 port [udp/*] succeeded!

Connection to www.youtube.com (142.250.73.238) 19 port [udp/*] succeeded!

Connection to www.youtube.com (142.250.65.78) 19 port [udp/*] succeeded!

Connection to www.youtube.com (142.250.65.78) 19 port [udp/*] succeeded!

Connection to www.youtube.com (142.250.31.190) 20 port [udp/*] succeeded!
```

```
200420116059@kali:~$ nc -vz -u www.gmail.com 1-20

Connection to www.gmail.com (172.253.115.83) 1 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 2 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.18) 3 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.18) 5 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.83) 5 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 6 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 6 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.17) 8 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 10 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 10 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.18) 11 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.18) 12 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 14 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 14 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 15 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.18) 15 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 18 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 18 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 18 port [udp/*] succeeded!

Connection to www.gmail.com (172.253.115.19) 19 port [udp/*] succeeded!
```

```
200420116059@kali:~$ nc -vz -u www.website.com 1-20

Connection to www.website.com (104.22.66.195) 1 port [udp/*] succeeded!

Connection to www.website.com (172.67.27.106) 2 port [udp/*] succeeded!

Connection to www.website.com (104.22.66.195) 3 port [udp/*] succeeded!

Connection to www.website.com (104.22.66.195) 4 port [udp/*] succeeded!

Connection to www.website.com (172.67.27.106) 5 port [udp/*] succeeded!

Connection to www.website.com (104.22.66.195) 7 port [udp/*] succeeded!

Connection to www.website.com (104.22.66.195) 7 port [udp/echo] succeeded!

Connection to www.website.com (172.67.27.106) 8 port [udp/*] succeeded!

Connection to www.website.com (104.22.67.195) 9 port [udp/echo] succeeded!

Connection to www.website.com (104.22.67.195) 10 port [udp/*] succeeded!

Connection to www.website.com (104.22.66.195) 10 port [udp/*] succeeded!

Connection to www.website.com (104.22.66.195) 12 port [udp/*] succeeded!

Connection to www.website.com (104.22.67.195) 12 port [udp/*] succeeded!

Connection to www.website.com (104.22.67.195) 13 port [udp/*] succeeded!

Connection to www.website.com (104.22.67.195) 15 port [udp/*] succeeded!

Connection to www.website.com (104.22.67.195) 15 port [udp/*] succeeded!

Connection to www.website.com (104.22.66.195) 16 port [udp/*] succeeded!

Connection to www.website.com (104.22.66.195) 16 port [udp/*] succeeded!

Connection to www.website.com (104.22.66.195) 18 port [udp/*] succeeded!

Connection to www.website.com (104.22.66.195) 19 port [udp/*] succeeded!
```

```
200420116059@kali:~$ nc -vz -u www.scet.ac.in 1-20
Connection to www.scet.ac.in (136.243.80.165) 1 port [udp/*] succeeded! Connection to www.scet.ac.in (136.243.80.165) 2 port [udp/*] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 3 port [udp/*] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 4 port [udp/*] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 5 port [udp/*] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 6 port [udp/*] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 7
                                                                port [udp/echo] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 8 port [udp/*] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 9 port [udp/discard] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 10 port [udp/*] succeeded! Connection to www.scet.ac.in (136.243.80.165) 11 port [udp/*] succeeded! Connection to www.scet.ac.in (136.243.80.165) 12 port [udp/*] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 13 port [udp/daytime] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 14 port [udp/*] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 15 port [udp/*] succeeded! Connection to www.scet.ac.in (136.243.80.165) 16 port [udp/*] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 17 port [udp/*] succeeded! Connection to www.scet.ac.in (136.243.80.165) 18 port [udp/*] succeeded!
Connection to www.scet.ac.in (136.243.80.165) 19 port [udp/chargen] succeeded!
200420116059@kali:~$
```

# Q-5) Scan port numbers 80 and 22 of any Five Hosts by giving them input "QUIT".

```
200420116059@kali:~$ echo QUIT | nc -v www.triple5.online 80 22
Connection to www.triple5.online (3.109.160.49) 80 port [tcp/http] succeeded!
HTTP/1.1 400 Bad Request
Date: Tue, 02 Aug 2022 06:52:48 GMT
Server: Apache/2.4.46 (Unix) OpenSSL/1.1.1n
Content-Length: 226
Connection: close
Content-Type: text/html; charset=iso-8859-1
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>400 Bad Request</title>
</head><body>
<h1>Bad Request</h1>
Your browser sent a request that this server could not understand.<br />
</body></html>
Connection to www.triple5.online (3.109.160.49) 22 port [tcp/ssh] succeeded!
SSH-2.0-OpenSSH 7.9p1 Debian-10+deb10u2
```

```
200420116059@kali:~$ echo QUIT | nc -v www.google.com 80 22
Connection to www.google.com (172.253.115.106) 80 port [tcp/http] succeeded!
HTTP/1.0 400 Bad Request
Content-Type: text/html; charset=UTF-8
Referrer-Policy: no-referrer
Content-Length: 1555
Date: Tue, 02 Aug 2022 06:54:10 GMT

<!DOCTYPE html>
<html lang=en>
<meta charset=utf-8>
<meta name=viewport content="initial-scale=1, minimum-scale=1, width=device-width">
<title>Error 400 (Bad Request) !! 1</title>
<title>Firor 400 (Bad Request) !! 1</title>
<title>Error 400 (Bad Request) !! 1</title>
<tyle>
<meta name-viewport content="initial-scale=1, minimum-scale=1, width=device-width">
<title>Error 400 (Bad Request) !! 1</title>
<tyle>
<meta name-viewport content="initial-scale=1, minimum-scale=1, width=device-width">
<title>Error 400 (Bad Request) !! 1</title>
<tyle>
<meta charset=utf-8>
<meta charset=ut
```

```
200420116059@kali:~$ echo QUIT | nc -v www.gmail.com 80 22
Connection to www.gmail.com (172.253.115.19) 80 port [tcp/http] succeeded!
HTTP/1.0 400 Bad Request
Content-Type: text/htm]; charset=UTF-8
Referrer-Policy: no-referrer
Content-Length: 1555
Date: Tue, 02 Aug 2022 06:55:43 GMT

<!DOCTYPE html>
```