2-

```
erminal
       🦻 🗐 🏮 pazhand_400521171@400521171: ~
      " $3 }'
     pazhand 400521171@400521171:~$ nmap 8.8.8.8
     Starting Nmap 7.01 ( https://nmap.org ) at 2024-05-18 02:13 +0430 Nmap scan report for dns.google (8.8.8.8)
     Host is up (0.0066s latency).
     Not shown: 994 filtered ports
     PORT
              STATE SERVICE
     25/tcp
              open smtp
               open
     53/tcp
                    domain
     80/tcp
               open
                     http
                     https
     443/tcp open
                     squid-http
     3128/tcp open
     8080/tcp open http-proxy
     Nmap done: 1 IP address (1 host up) scanned in 4.40 seconds
     pazhand 400521171@400521171:~$ nmap 8.8.8.8 | awk 'BR > 4 && NR < 8 { print $1 '
      " $3 }
     pazhand_400521171@400521171:~$ nmap 8.8.8.8 | awk 'NR > 4 && NR < 8 { print $1 "
        $3 }
     Not 994
     PORT SERVICE
     25/tcp smtp
     pazhand_400521171@400521171:~$
```

```
🔊 🖃 📵 pazhand_400521171@400521171: ~/Desktop
--- 8.8.8.8 ping statistics ---
12 packets transmitted, 12 received, 0% packet loss, time 11048ms
rtt min/avg/max/mdev = 48.915/167.390/545.225/151.504 ms
done
pazhand_400521171@400521171:~/Desktop$ bash q2.sh www.google.com
PING www.google.com (216.239.38.120) 56(84) bytes of data.
64 bytes from 216.239.38.120: icmp_seq=1 ttl=48 time=76.2 ms
64 bytes from 216.239.38.120: icmp_seq=2 ttl=48 time=64.8 ms
64 bytes from 216.239.38.120: icmp_seq=3 ttl=48 time=71.1 ms
64 bytes from 216.239.38.120: icmp_seq=4 ttl=48 time=65.5 ms
64 bytes from 216.239.38.120: icmp seq=5 ttl=48 time=73.2 ms
64 bytes from 216.239.38.120: icmp_seq=6 ttl=48 time=64.9 ms
64 bytes from 216.239.38.120: icmp_seq=7 ttl=48 time=68.5 ms
64 bytes from 216.239.38.120: icmp_seq=8 ttl=48 time=78.1 ms
64 bytes from 216.239.38.120: icmp_seq=9 ttl=48 time=60.2 ms
64 bytes from 216.239.38.120: icmp_seq=10 ttl=48 time=63.7 ms
64 bytes from 216.239.38.120: icmp_seq=11 ttl=48 time=56.5 ms
64 bytes from 216.239.38.120: icmp seq=12 ttl=48 time=69.6 ms
--- www.google.com ping statistics ---
12 packets transmitted, 12 received, 0% packet loss, time 20142ms rtt min/avg/max/mdev = 56.574/67.733/78.180/6.098 ms
pazhand_400521171@400521171:~/Desktop$
```

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done
pazhand_400521171@400521171:~/Desktop$ bash q2.sh www.unavailableweb.com
ping: unknown host www.unavailableweb.com
unreachable
pazhand_400521171@400521171:~/Desktop$ bash q2.sh 8.5.8.5
PING 8.5.8.5 (8.5.8.5) 56(84) bytes of data.
--- 8.5.8.5 ping statistics ---
12 packets transmitted, 0 received, 100% packet loss, time 11272ms
unreachable
pazhand_400521171@400521171:~/Desktop$
```

```
pazhand_400521171@400521171:~/Desktop$ ifconfig
             Link encap:Ethernet HWaddr 08:00:27:a1:b1:c4
inet addr:10.0.2.15 Bcast:10.0.2.255 Mask:255.255.255.0
inet6 addr: fe80::8c9d:5ff2:d021:a645/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
enp0s3
              RX packets:8077 errors:0 dropped:0 overruns:0 frame:0
TX packets:8282 errors:0 dropped:0 overruns:0 carrier:0
              collisions:0 txqueuelen:1000
              RX bytes:491927 (491.9 KB) TX bytes:616431 (616.4 KB)
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:212 errors:0 dropped:0 overruns:0 frame:0
              TX packets:212 errors:0 dropped:0 overruns:0 carrier:0
              collisions:0 txqueuelen:1000
RX bytes:17803 (17.8 KB) TX bytes:17803 (17.8 KB)
pazhand_400521171@400521171:~/Desktop$ ifconfig | grep HWaddr | awk '{print $5 "\t" $1}'
08:00:27:a1:b1:c4
                                 enp0s3
pazhand_400521171@400521171:~/Desktop$
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3-