

1

```
C:\Users\User\.jdk\openjdk-22\bin\java.exe  
song-on.vercel.app/76.76.21.164
```

2

```
C:\Users\User\.jdk\openjdk-22\bin\java.exe  
DESKTOP-FMASJ7L/192.168.1.64
```

4

```
C:\Users\User\.jdk\openjdk-22\bin\java.exe "  
Ipv4 = 142.250.206.142
```

5

```
C:\Users\User\.jdk\openjdk-22\bin\java.exe  
Success /76.76.21.241 its reachable
```

7

```
C:\Users\User\.jdk\openjdk-22\bin\java.exe "-javaagent  
www.ibiblio.org is the same as helios.ibiblio.org
```

8

```
PS E:\GitHubAllConnections\BCA-All-Files\6th sem\Network Programming\Practicals\Lab1> javac Q8.java  
PS E:\GitHubAllConnections\BCA-All-Files\6th sem\Network Programming\Practicals\Lab1> java Q8.java 192.168.12.1  
192.168.12.1 appears legitimate.  
PS E:\GitHubAllConnections\BCA-All-Files\6th sem\Network Programming\Practicals\Lab1>
```

```
C:\Users\User\.jdk\openjdk-22\bin\java.exe "-javaagent:E:\IntelliJ IDEA Community Edition 2023.3.2\lib\idea_rt.jar" 16000
Name: ethernet_0
Display Name: Realtek PCIe GbE Family Controller-WFP Native MAC Layer LightWeight Filter-0000
MTU: 1500
Loopback: false
Up: true
Virtual: false

Name: ethernet_1
Display Name: Realtek PCIe GbE Family Controller-QoS Packet Scheduler-0000
MTU: 1500
Loopback: false
Up: true
Virtual: false

Name: ethernet_2
Display Name: Realtek PCIe GbE Family Controller-WFP 802.3 MAC Layer LightWeight Filter-0000
MTU: 1500
Loopback: false
Up: true
Virtual: false
```

```
Name: ethernet_32768
Display Name: Microsoft Kernel Debug Network Adapter
MTU: 0
Loopback: false
Up: false
Virtual: false

Name: ethernet_32769
Display Name: Realtek PCIe GbE Family Controller
MTU: 1500
Loopback: false
Up: true
Virtual: false

Name: ethernet_32770
Display Name: WAN Miniport (IP)
MTU: 1500
Loopback: false
Up: true
Virtual: false
```

2

```
C:\Users\User\.jdk\openjdk-22\bin\java.exe
Address 1: song-on.vercel.app/76.76.21.164
Canonical Hostname: 76.76.21.164
Host Address: 76.76.21.164
Host Name: song-on.vercel.app
Is any local address false
Is Link local address false
Is Loopback address false
Is Multicast Address false
Is site local address false

Address 2:/76.76.21.123
Canonical Hostname: 76.76.21.123
Host Address: 76.76.21.123
Host Name: 76.76.21.123
Is any local address false
Is Link local address false
Is Loopback address false
Is Multicast Address false
Is site local address false
```

```
Local address DESKTOP-FMASJ7L/192.168.1.64
Canonical Hostname: 192.168.1.64
Host Address: 192.168.1.64
Host Name: DESKTOP-FMASJ7L
Is any local address false
Is Link local address false
Is Loopback address false
Is Multicast Address false
Is site local address true

Google address www.google.com/172.217.166.196
Canonical Hostname: del03s13-in-f4.1e100.net
Host Address: 172.217.166.196
Host Name: www.google.com
Is any local address false
Is Link local address false
Is Loopback address false
Is Multicast Address false
Is site local address false
```

```
Google address www.google.com/2404:6800:4002:808:0:0:0:2004
Canonical Hostname: del03s13-in-x04.1e100.net
Host Address: 2404:6800:4002:808:0:0:0:2004
Host Name: www.google.com
Is any local address false
Is Link local address false
Is Loopback address false
Is Multicast Address false
Is site local address false
```