```
PS D:\Users\Md Noorullah Khan\network programming\LabTwo> java .\CharacteristicsOfIP.java
localhost/127.0.0.1 is a loopback address.
localhost/127.0.0.1 is a global address.
localhost/127.0.0.1 is a unicast address.
PS D:\Users\Md Noorullah Khan\network programming\LabTwo> java .\CharacteristicsOfIP.java
google.com/142.250.193.14 is a global address.
google.com/142.250.193.14 is a unicast address.
```

```
PS D:\Users\Md Noorullah Khan\network programming\LabTwo> java .\IPAddressVersionChecker.java
/ff06:0:0:0:0:0:0:c3IP version: v6
/127.0.0.1IP version: v4
PS D:\Users\Md Noorullah Khan\network programming\LabTwo>
```

```
PS D:\Users\Md Noorullah Khan\network programming\LabTwo> java .\JavaInternetAddressByName.java
Host Name: www.chatgpt.com
Canonical Host Name: 104.18.32.47
Host Address: 104.18.32.47
Raw IP Address (Byte Format): 104.18.32.47.
Host Name: www.youtube.com
Canonical Host Name: del11s18-in-f14.1e100.net
Host Address: 142.250.193.238
Raw IP Address (Byte Format): 142.250.193.238.
Host Name: localhost
Canonical Host Name: 127.0.0.1
Host Address: 127.0.0.1
Raw IP Address (Byte Format): 127.0.0.1.
PS D:\Users\Md Noorullah Khan\network programming\LabTwo>
```

```
PS D:\Users\Md Noorullah Khan\network programming\LabTwo> java .\SpamChecker.java 127.0.0.1 127.0.0.2 8.8.8.8
127.0.0.1 is legitimate site
8.8.8.8 is legitimate site
127.0.0.2 is a known spam
```

```
PS D:\Users\Md Noorullah Khan\network programming\LabTwo> java .\NetworkInterfaceExample.java
name:lo (Software Loopback Interface 1)
name:net0 (Microsoft 6to4 Adapter)
name:eth0 (WAN Miniport (IP))
name:net1 (Microsoft IP-HTTPS Platform Adapter)
name:eth1 (WAN Miniport (IPv6))
name:eth2 (WAN Miniport (Network Monitor))
name:ppp0 (WAN Miniport (PPPOE))
name:wlan0 (Qualcomm QCA9377 802.11ac Wireless Adapter)
name:net2 (WAN Miniport (PPTP))
name:net3 (WAN Miniport (IKEv2))
name:net4 (WAN Miniport (SSTP))
name:ppp1 (RAS Async Adapter)
name:eth3 (Realtek PCIe FE Family Controller)
name:net5 (WAN Miniport (L2TP))
name:wlan1 (Microsoft Wi-Fi Direct Virtual Adapter #2)
```