**Experiment 4**

**Aim:**

To study the implementation of *InetAddress* class.

**Objective:**

1. WAP in java to find the IP address of any website.
2. WAP in java to print the IP address of the local machine (in which the current program is running).
3. WAP in java to check the version of IP address, whether it is version 4 or 6.
4. WAP in java to print all the network interfaces (e.g., Ethernet, Bluetooth, wlan, etc.) of the local machine.

**Exercises:**

1. Define Internet Addresses.
2. What are the getter methods of InetAddress class?
3. Explain IPv4 and IPv6 addresses.
4. Explain Network Interface and NetworkInterface Class?