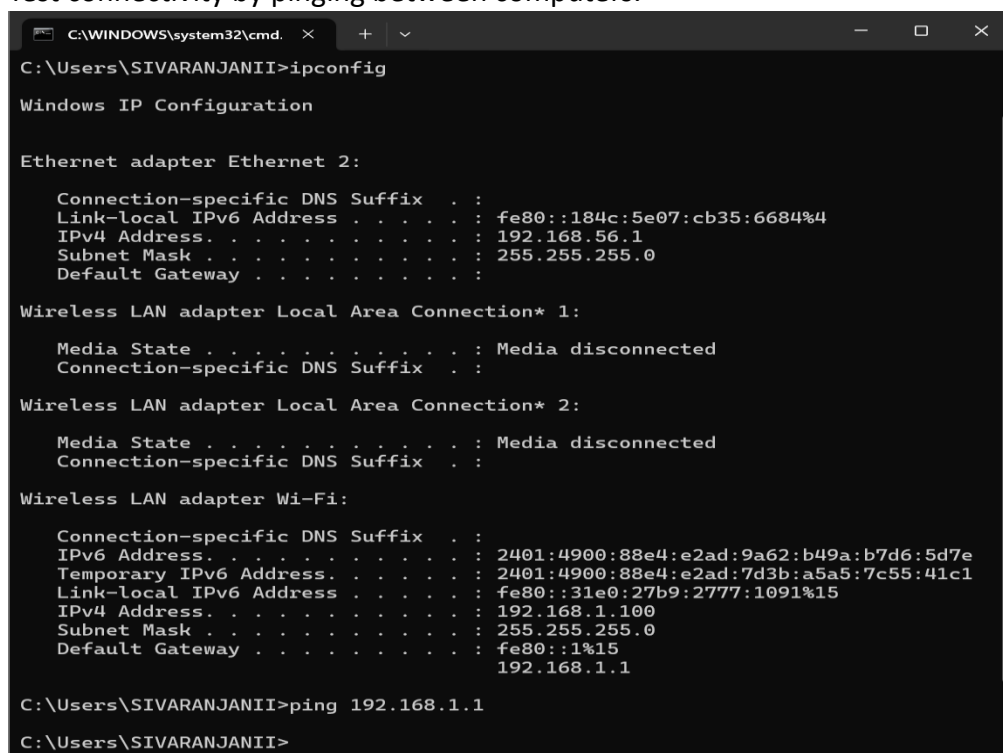# EXERCISE 13

LEARNING AND ASSIGNMENT OF IP ADDRESS MANUALLY TO COMPUTERS

AIM:

Learn to assign fixed IP addresses manually on a LAN, understand IP address basics, and test network connectivity.

ALGORITHM:

1. Open network adapter settings on the computer.
2. Choose Internet Protocol Version 4 (TCP/IPv4) properties.
3. Select "Use the following IP address."
4. Enter a unique IP address, subnet mask, default gateway, and DNS servers.
5. Save settings.
6. Repeat on other computers with different IP's in the same subnet.
7. Test connectivity by pinging between computers.

RESULT:

Manually assigned IP addresses allow reliable communication on the LAN. Successful connectivity tests (e.g., ping) confirm correct configuration. This method provides control over network addressing rather than dynamic assignment.