CN Lab 9: Implementation of Single Area OSPF

• Procedure:

1. Open Packet Tracer:

■ Launch Cisco Packet Tracer on your computer.

2. Create a Network:

- Drag three routers onto the workspace and connect them in a triangular topology.
- Connect a computer to each router using Ethernet cables.

3. Configure IP Addresses:

Assign IP addresses to each interface on the routers and computers.

4. Enable OSPF:

- Access the CLI of each router.
- Enable OSPF: router ospf 1.
- Advertise connected networks: network <network address> area
 0.

5. Test Connectivity:

Use the ping command to test connectivity between the computers.

Output:









