EXPERIMENT NO- 05

AIM: Configuration of Cisco Router 2900

OBJECTIVE: To demonstrate Configuration of Cisco Router 2900

ALGORITHM:

1. Start
2. Setup the Topology and initialize devices
3. Configure Devices and router and verify connectivity
4. Display Device information
5. End

DESCRIPTION AND EXECUTION:

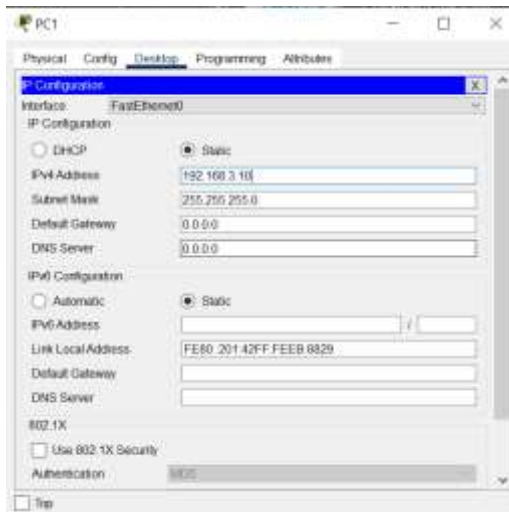Resources: 2 Switch, 2 PCs, 2 Router.

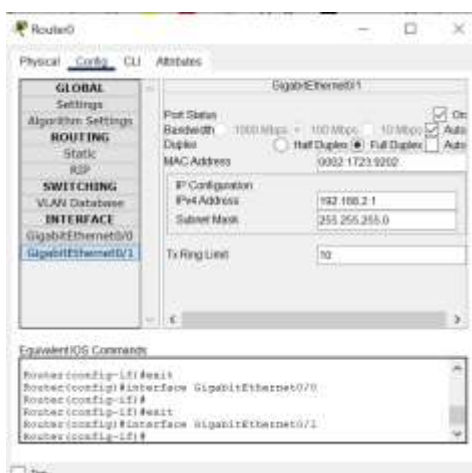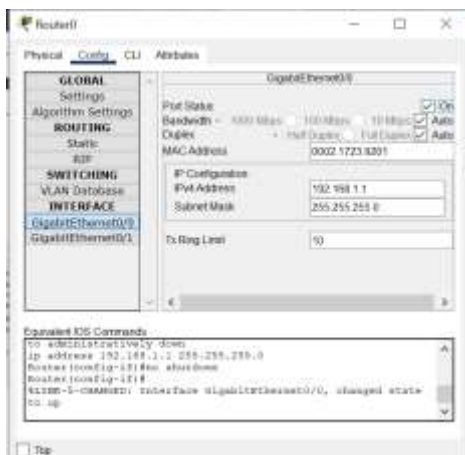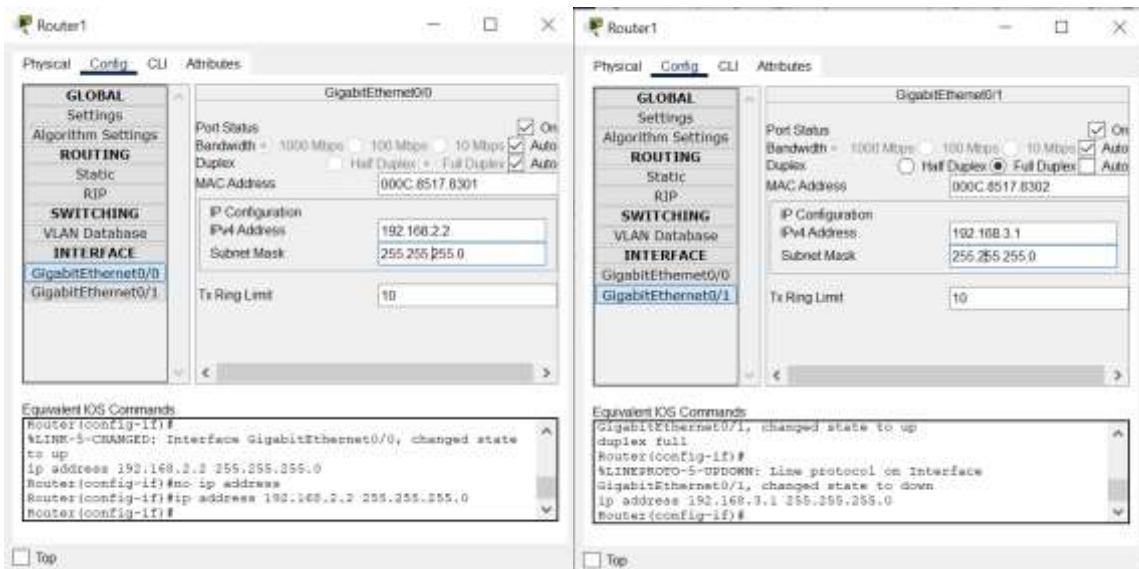| Device	Interface	IP Address	Subnet Mask	Def. Gateway
R1	Fa0/0	192.168.1.1	255.255.255.0	N/A
	S0/0/0	192.168.2.1	255.255.255.0	N/A
R2	Fa0/0	192.168.3.1	255.255.255.0	N/A
	S0/0/0	192.168.2.2	255.255.255.0	N/A
PC1	N/A	192.168.1.10	255.255.255.0	192.168.1.1
PC2	N/A	192.168.3.10	255.255.255.0	192.168.3.1

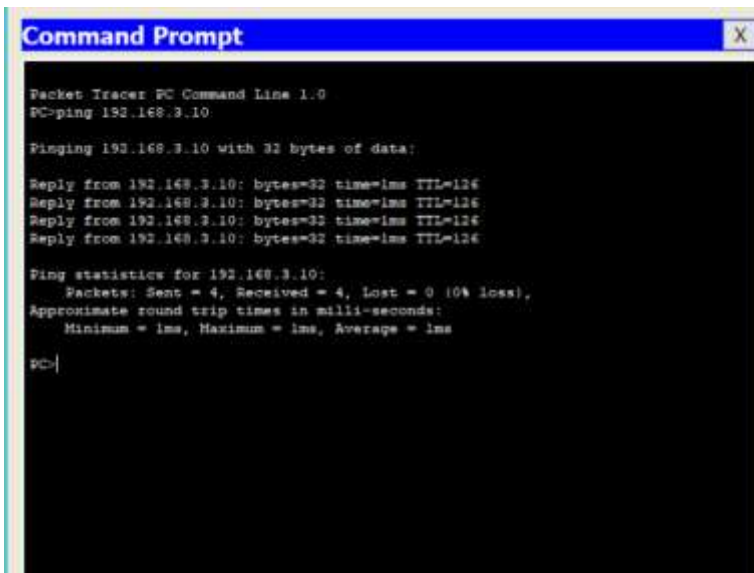**Connecting the devices using cables:**
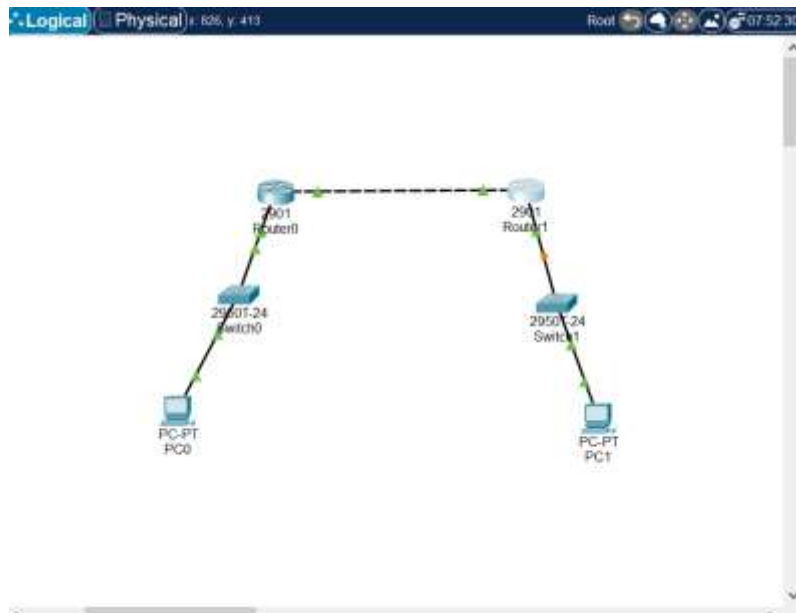
Configuring PC-A and PC-B:
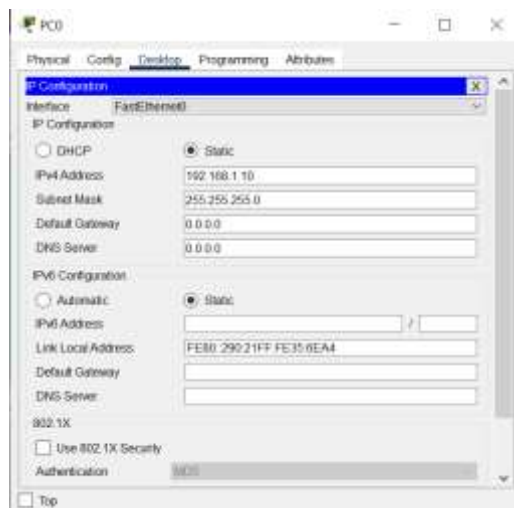
Configuring router 1:

Configuring router 2:

Checking ping from PCA to PCB:

RESULTS: After the configuration and connection of all devices, the ping is successful from PC-A to PC-B