PRACTICAL 4(RING TOPOLOGY)

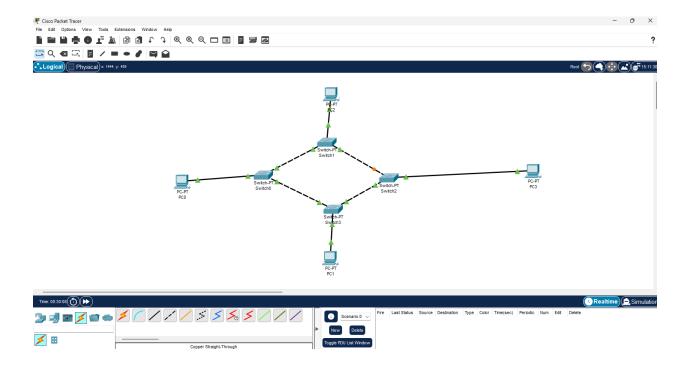
Implementing Network topologies

Steps to Configure and Setup Ring Topology

Step 1: First, open the cisco packet tracer desktop and select the devices given below:

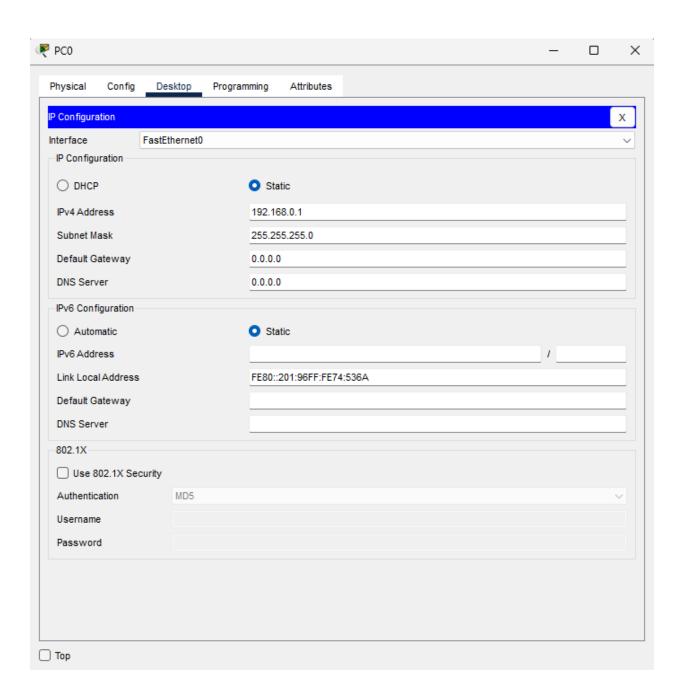
S.NO	Device	Model-Name
1.	PC	PC
2.	Switch	PT-Switch

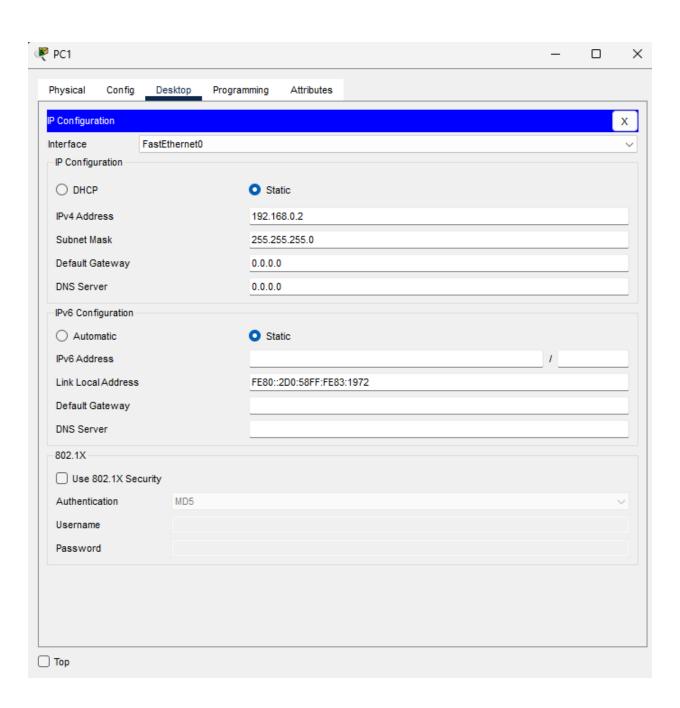
Device	IPv4 Address	Subnet Mask
pc0	192.168.0.1	255.255.255.0
pc1	192.168.0.2	255.255.255.0
pc2	192.168.0.3	255.255.255.0
рс3	192.168.0.4	255.255.255.0

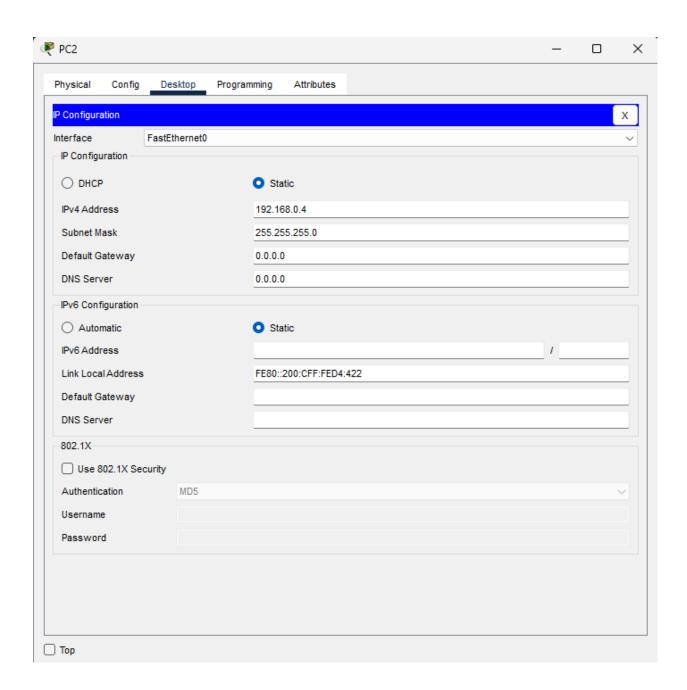


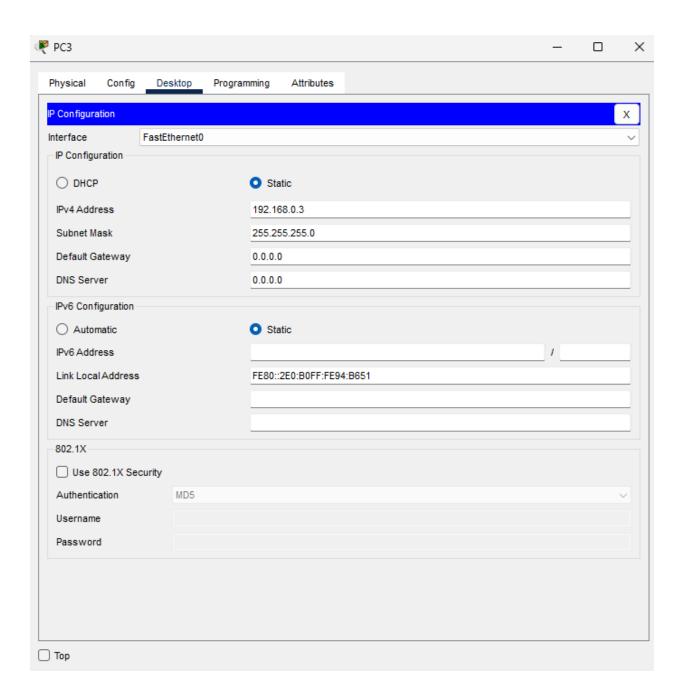
Step 2: Configure the PCs (hosts) with IPv4 address and Subnet Mask according to the IP addressing table given above.

- To assign an IP address in PC0, click on PC0.
- Then, go to desktop and then IP configuration and there you will
- IPv4 configuration.
- Fill IPv4 address and subnet mask.





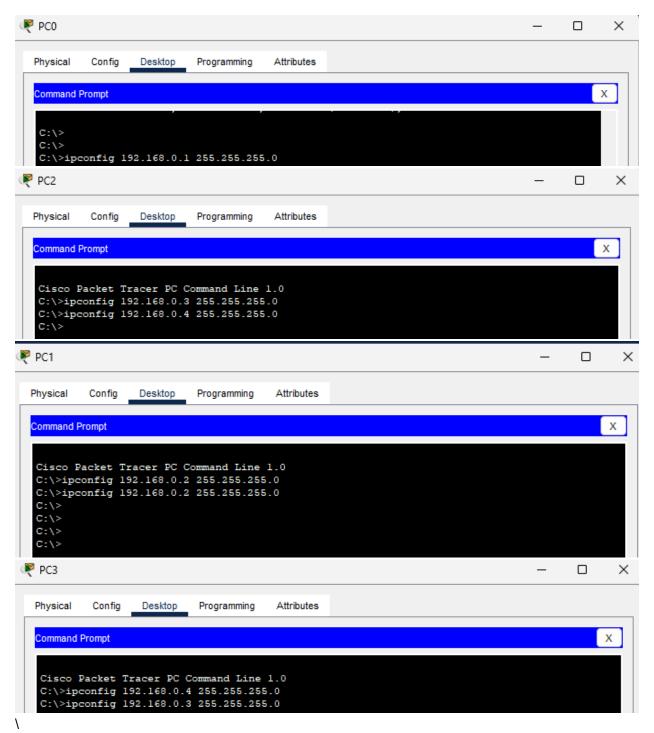




- Assigning IP address using the ipconfig command, or we can also
- assign an IP address with the help of a command.
- Go to the command terminal of the PC.
- Then, type ipconfig <IPv4 address><subnet mask><default
- gateway>(if needed)

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Example: ipconfig 192.168.0.1 255.255.255.0



- Repeat the same procedure with other PCs to configure them thoroughly.
 <u>Step 3:</u> Verify the connection by pinging the IP address of any host in PC0.
 - Use the ping command to verify the connection.
 - As we can see we are getting replies from a targeted node on both PCs.

