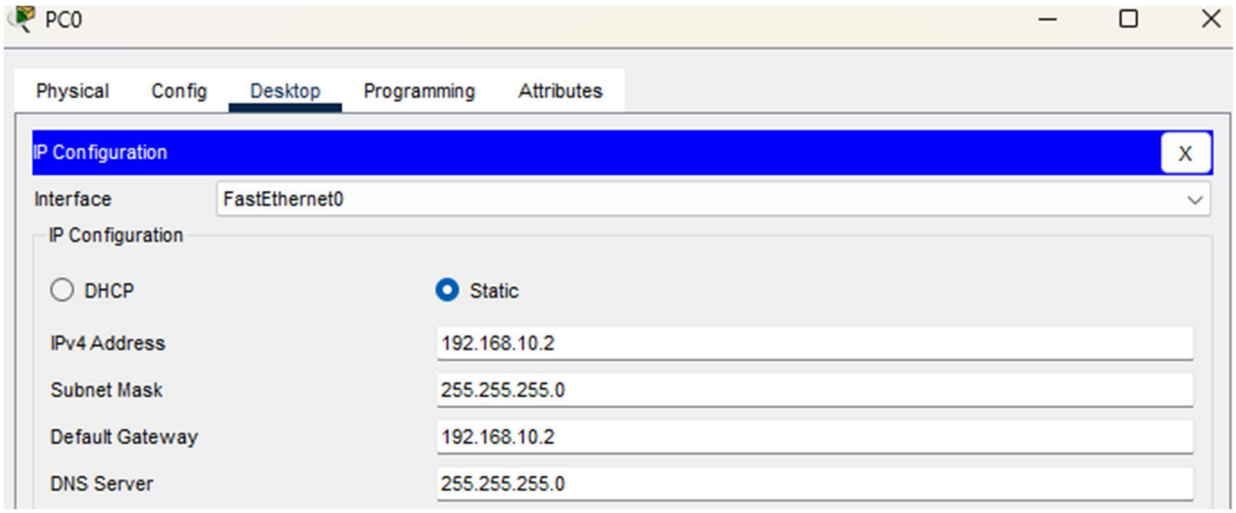
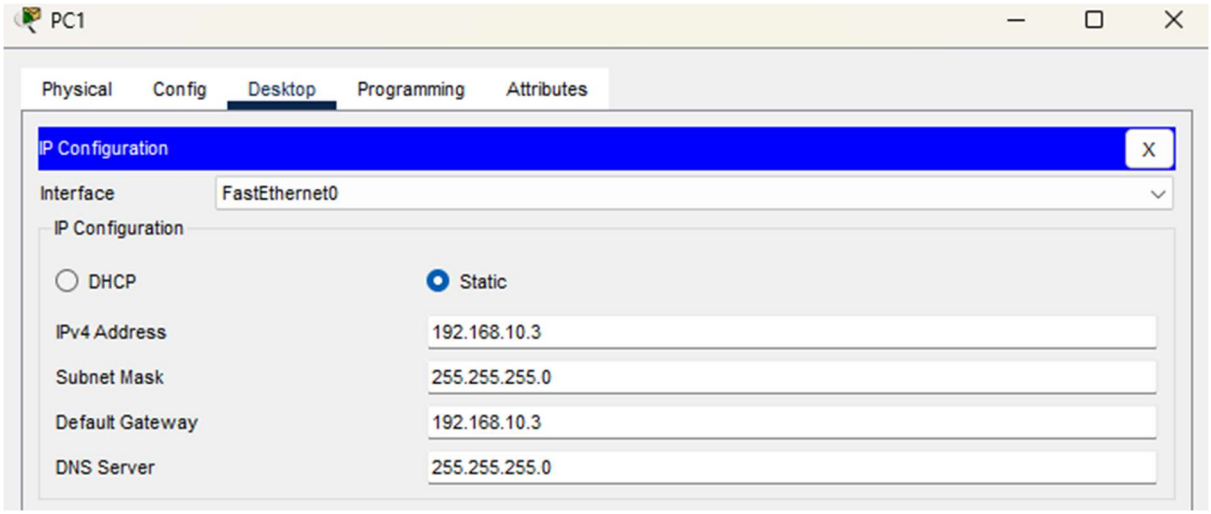
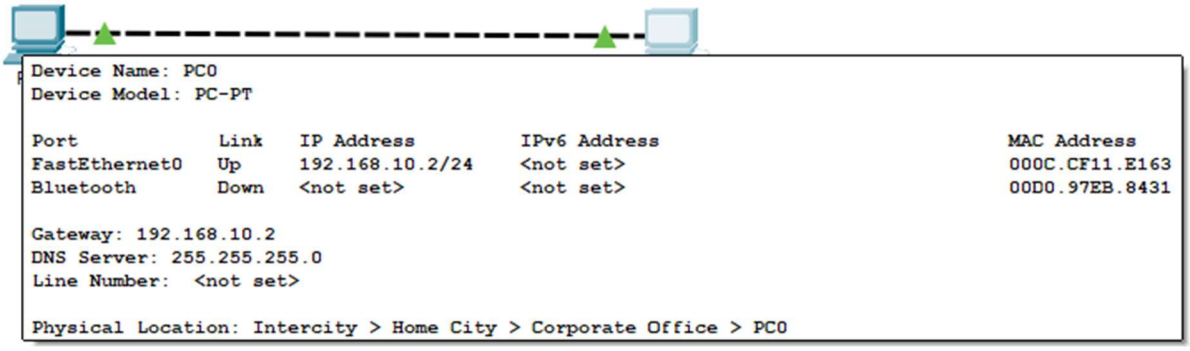
Implementation :-

- **Configure PC0:**

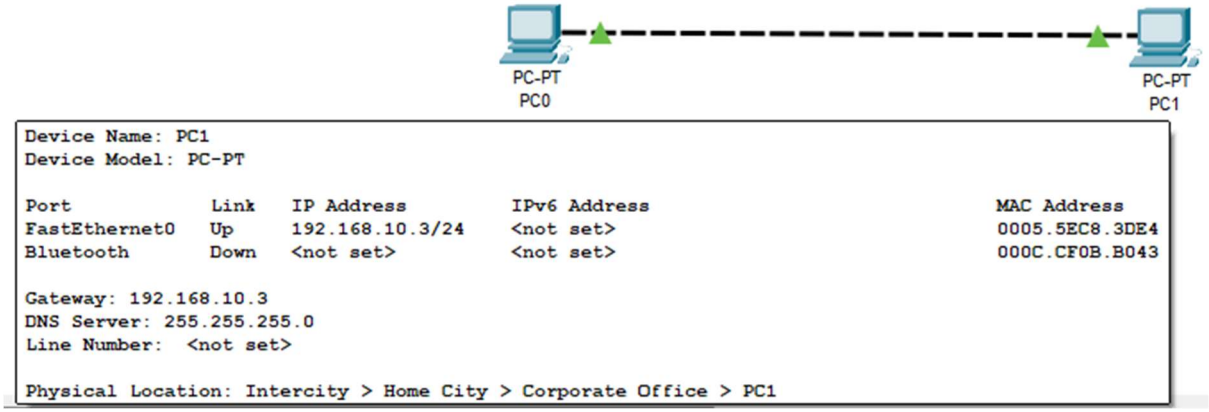


- **Configure PC1:**





```
Device Name: PC0
Device Model: PC-PT

Port            Link   IP Address          IPv6 Address                              MAC Address
FastEthernet0   Up     192.168.10.2/24     <not set>                                 000C.CF11.E163
Bluetooth       Down   <not set>           <not set>                                 00D0.97EB.8431

Gateway: 192.168.10.2
DNS Server: 255.255.255.0
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC0
```

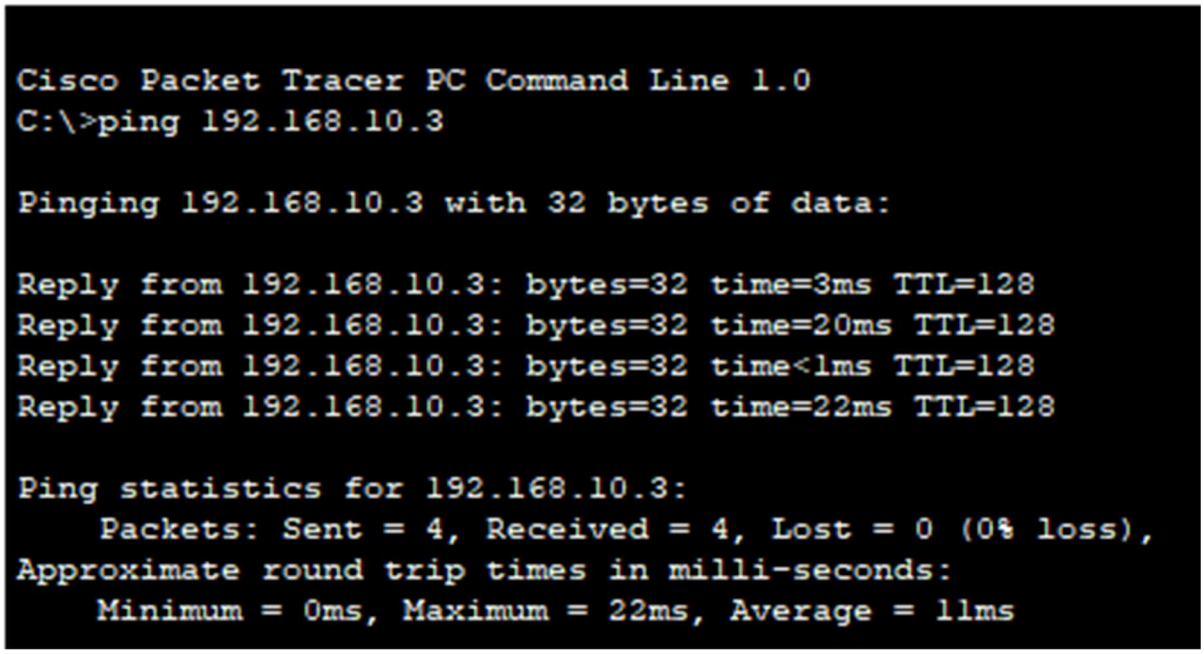



```
Device Name: PC1
Device Model: PC-PT

Port            Link   IP Address          IPv6 Address                              MAC Address
FastEthernet0   Up     192.168.10.3/24     <not set>                                 0005.5EC8.3DE4
Bluetooth       Down   <not set>           <not set>                                 000C.CF0B.B043

Gateway: 192.168.10.3
DNS Server: 255.255.255.0
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC1
```

Now we set the IP address of the devices as follows：

Host Name	IP Address
PC0	192.168.10.2
PC1	192.168.10.3

In order to check the connectivity we send a ping command from PC0 to PC1 as follows :-



Similarly the ping message can be checked for all the devices.

Result:

Hence the Connectivity of the network has been verified.