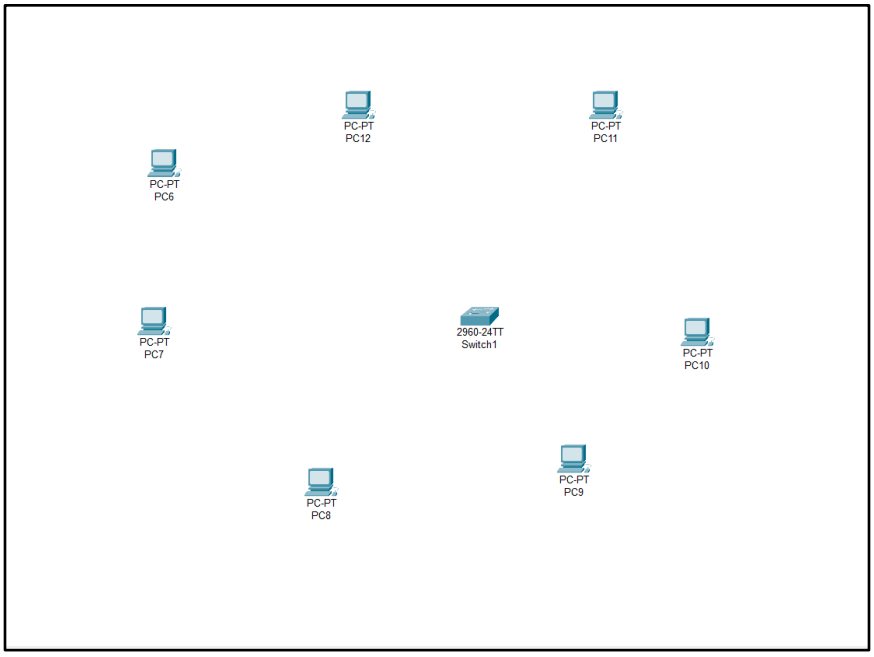
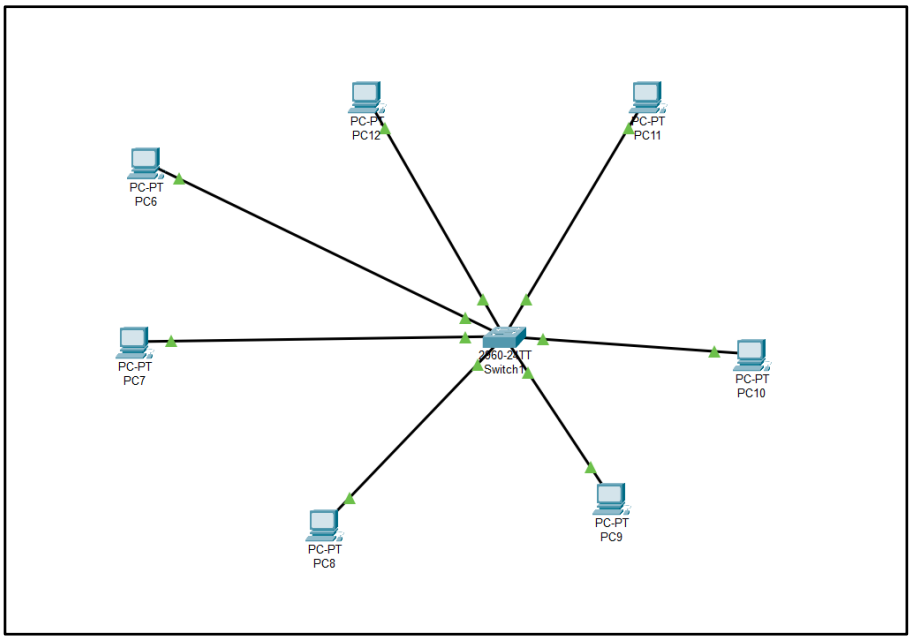
Marwadi University Marwadi Chandarana Group	**Marwadi University** **Faculty of Engineering and Technology** **Department of Information and Communication Technology**	
Subject: Computer Networks (01CT0503)	**Aim: Simulate star topology and check the connectivity between devices.**	
Experiment No: 03	**Date:**	**Enrolment No: 92301733054**

Aim: Simulate star topology and check the connectivity between devices.

Step-1:- Take One Switch and Multiple PC's.



Step-2 :- Now Connect them using Copper Straight Connection Cabel.



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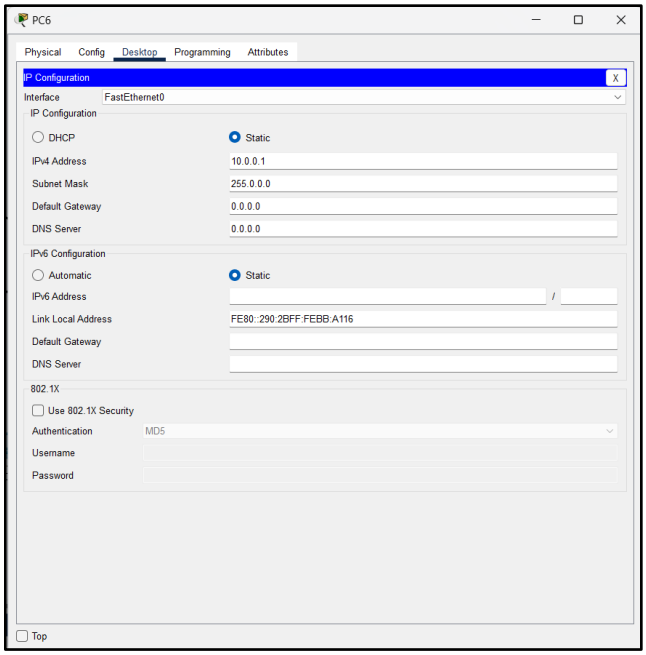
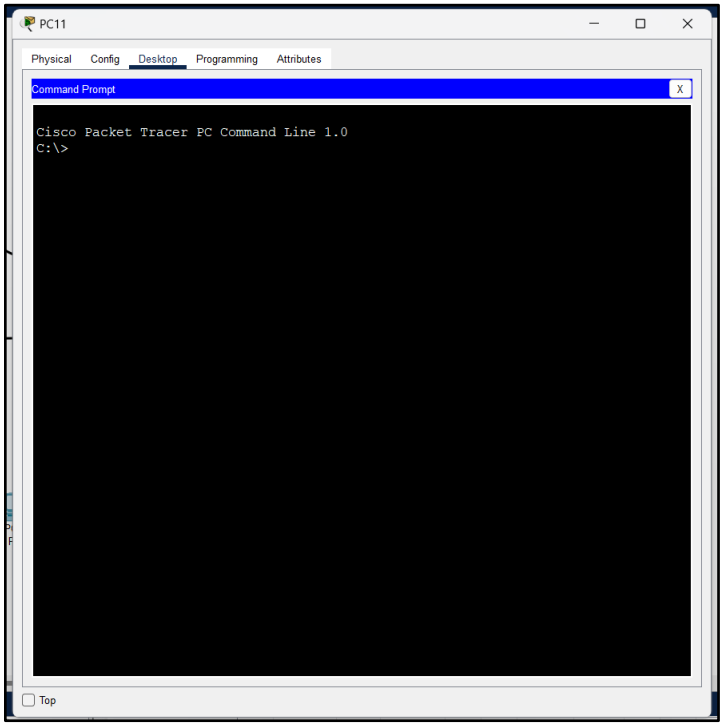
Step – 3 :- Now Configure all the PC's with Different IP Address and Same subnet mask



Step – 4 :- Now open command prompt of any one of that PC's



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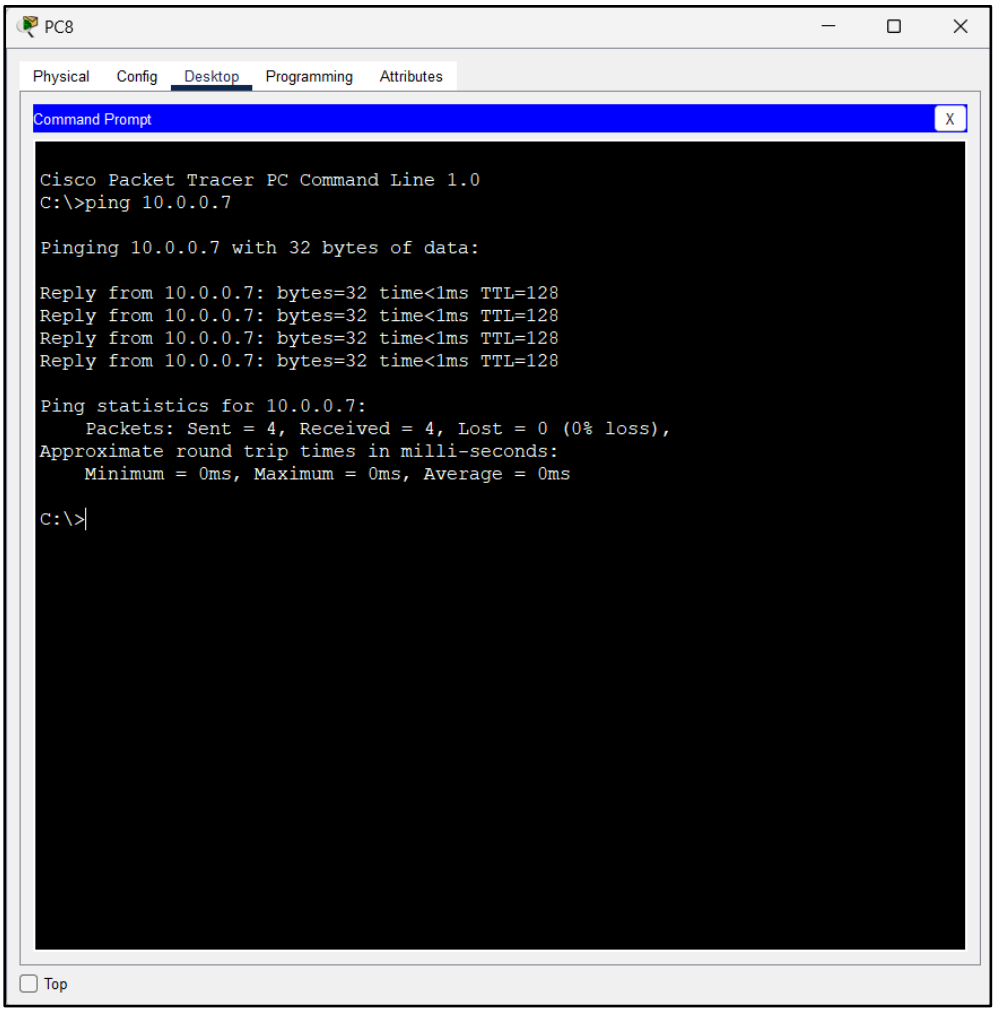
Step – 5 :- Now run command “ping ip_address” where ip_address is your destination ip address.



It shows the successful connection.

Conclusion:-

By Performing this Experiment, I came to Know about star topology how to configure the IP address and ho to check the successful connection between two pc’s—and learnt how the topologies are actually implemented.