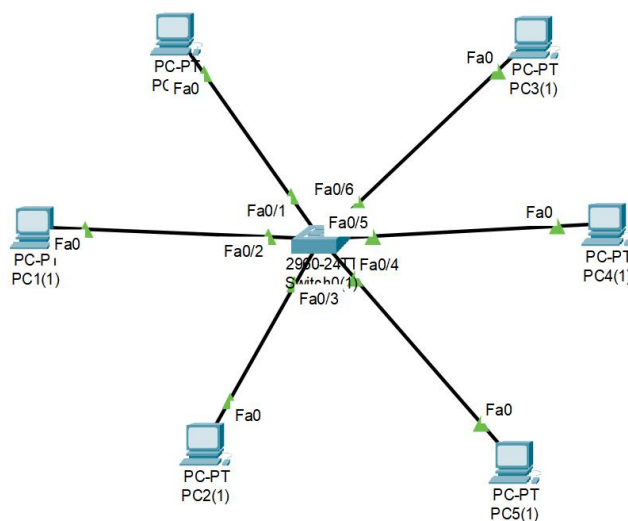
 Marwadi University	Marwadi University Faculty of Technology Department of Information and Communication Technology	
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Experiment No: 03	Date:29-07-2025	Enrollment No: 92301733024

Step-1: Physical Connection.

Take One Switch and Multiple PC's.Now Connect them using Copper Straight Connection Cabel.

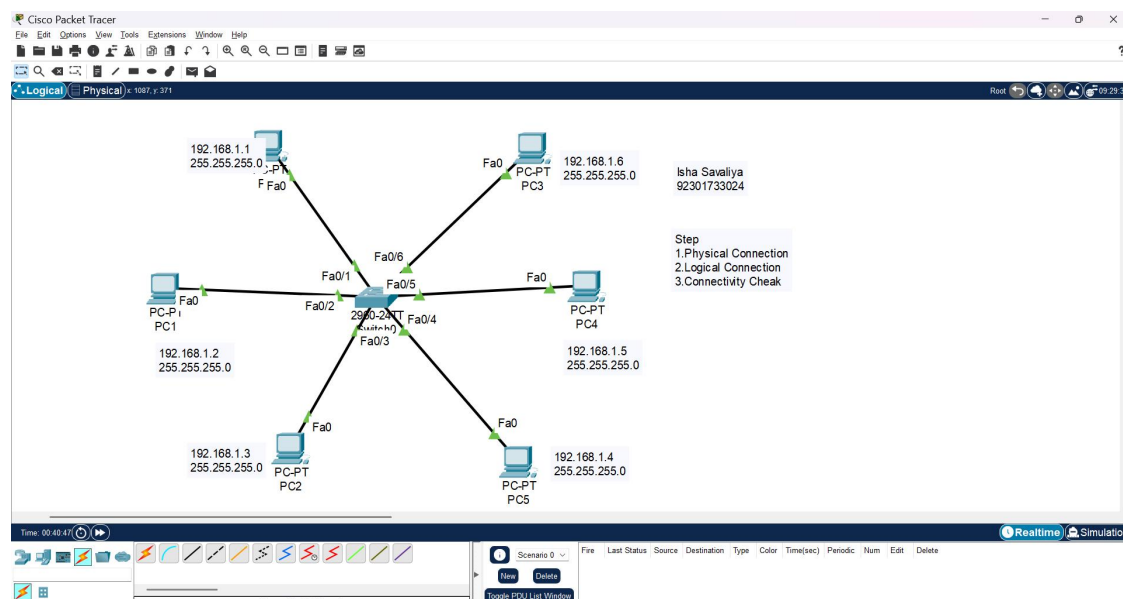



Isha Savaliya
92301733024

Step
1.Physical Connection
2.Logical Connection
3.Connectivity Cheak

Step-2: Logical Connection:

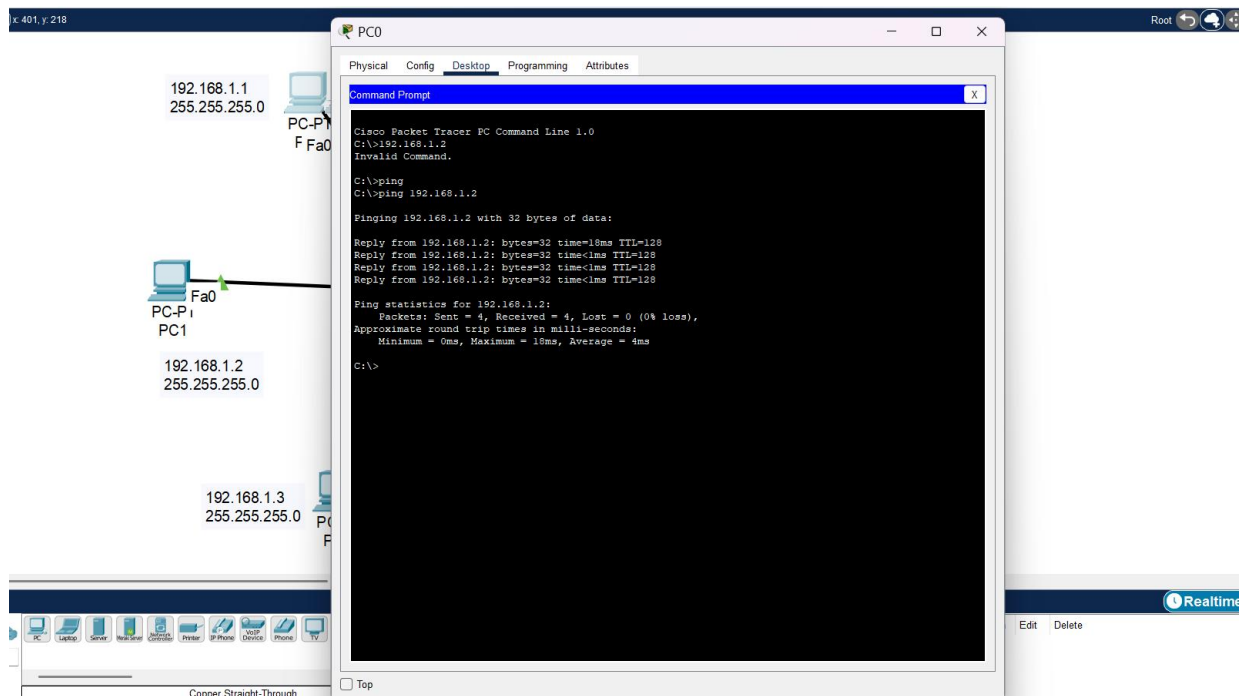
Now Configure all the PC's with Different IP Address and Same subnet mask



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Step-3: Connectivity Check

Now open command prompt of any one of that PC's. Now run command "ping ip_address" where ip_address is your destination ip address.



```

C:\>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=9ms TTL=128
Reply from 192.168.1.1: bytes=32 time=6ms TTL=128
Reply from 192.168.1.1: bytes=32 time=7ms TTL=128
Reply from 192.168.1.1: bytes=32 time=7ms TTL=128

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 6ms, Maximum = 9ms, Average = 7ms

C:\>|

```