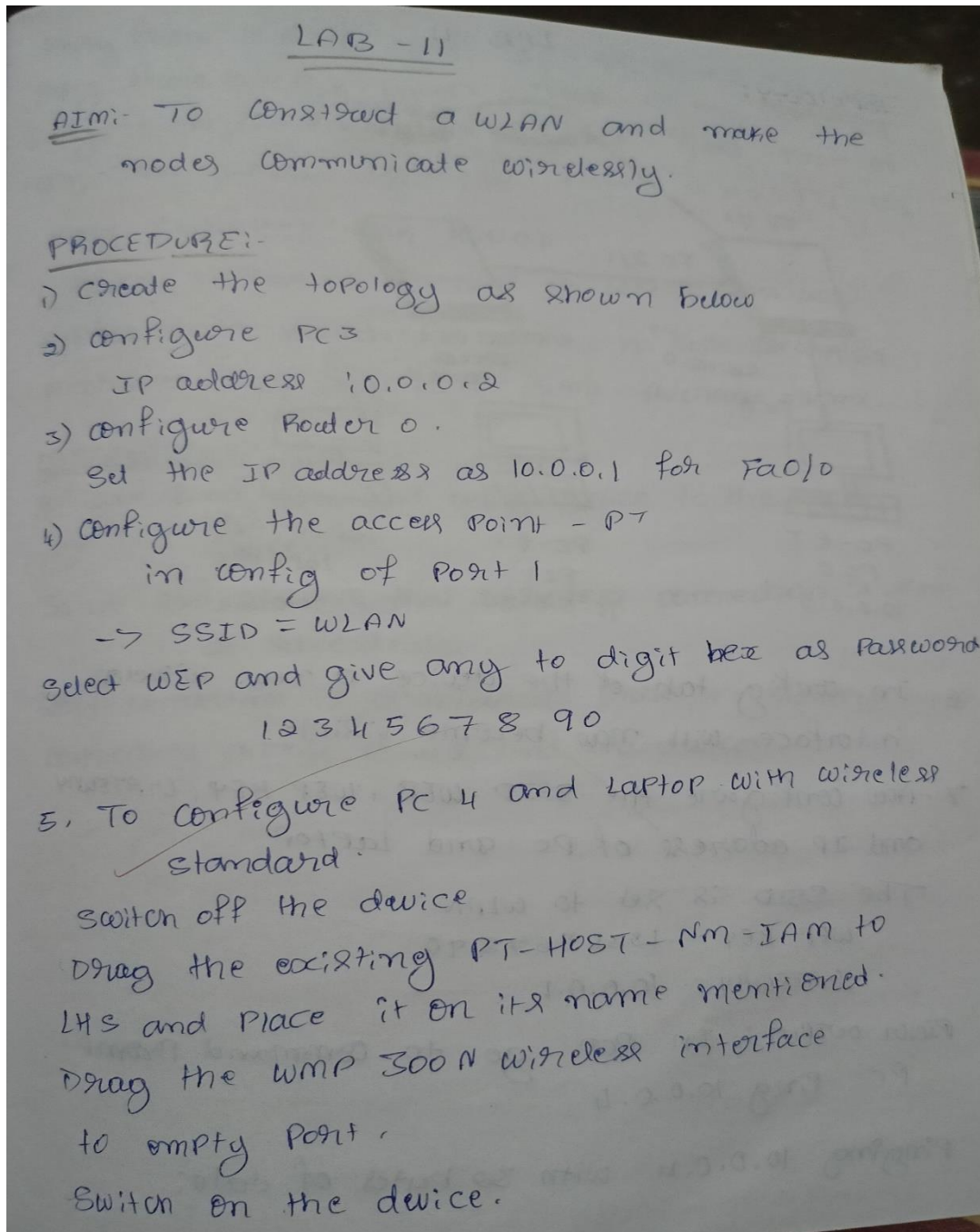


LAB 11

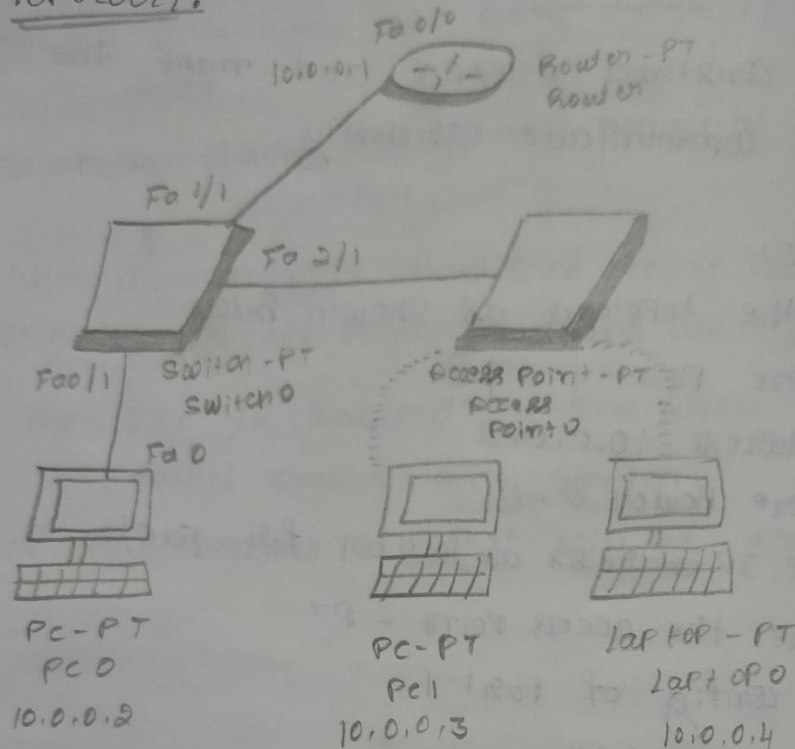
To construct a WLAN and make the nodes communicate wirelessly

OBSERVATION:



LAB - 11

TOPOLOGY:-



6. In config tab of the device a new wireless interface will now become visible.

7. Now configure the SSID, WEP, WEP KEY, GATEWAY and IP address of PC and Laptop

The SSID is set to WLAN

WEP KEY = 1234567890

GATEWAY = 10.0.0.1

PING OUTPUT:- In PC0 go to Command Prompt
PC Ping 10.0.0.4

Pinging 10.0.0.4 with 32 bytes of data:

Reply from 10.0.0.1: bytes=32 time=24 ms TTL=128
Reply from 10.0.0.1: bytes=32 time=15 ms TTL=128
Reply from 10.0.0.1: bytes=32 time=5 ms TTL=128
Reply from 10.0.0.1: bytes=32 time=12 ms TTL=128

ping statistics for 10.0.0.1

Packets: Sent=4, Received=4, Lost=0 (0% loss)

Approximate round trip time, in milliseconds

Minimum=5 ms, Maximum=24 ms, Average=14 ms.

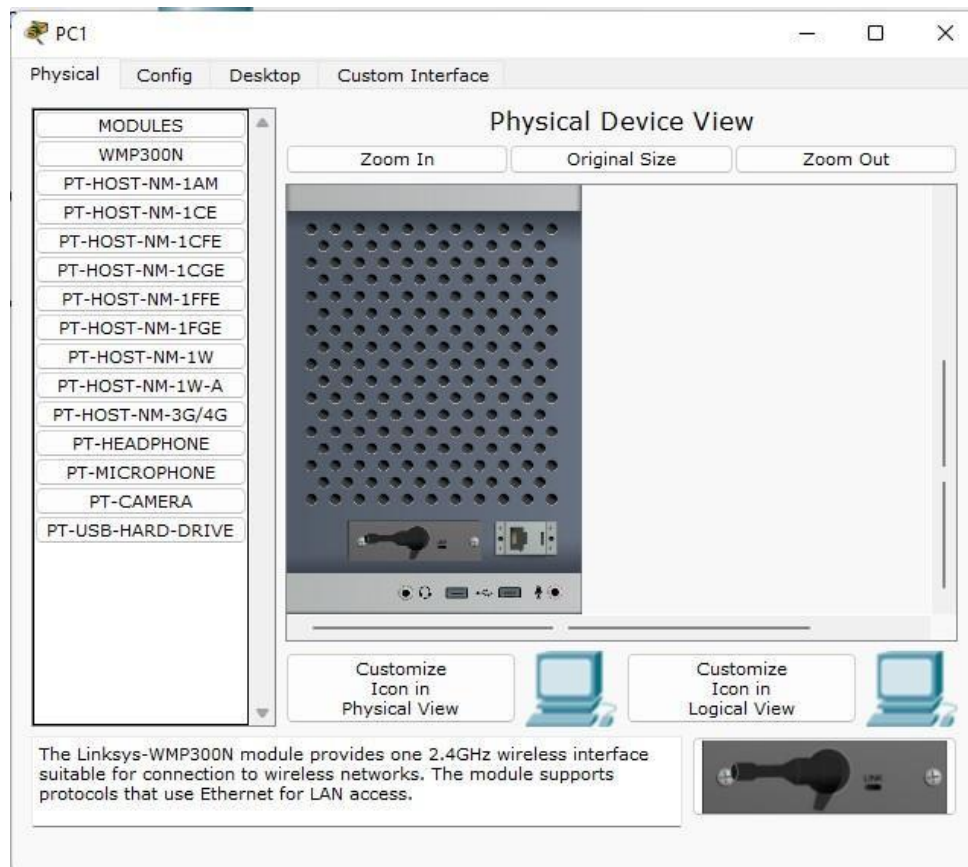
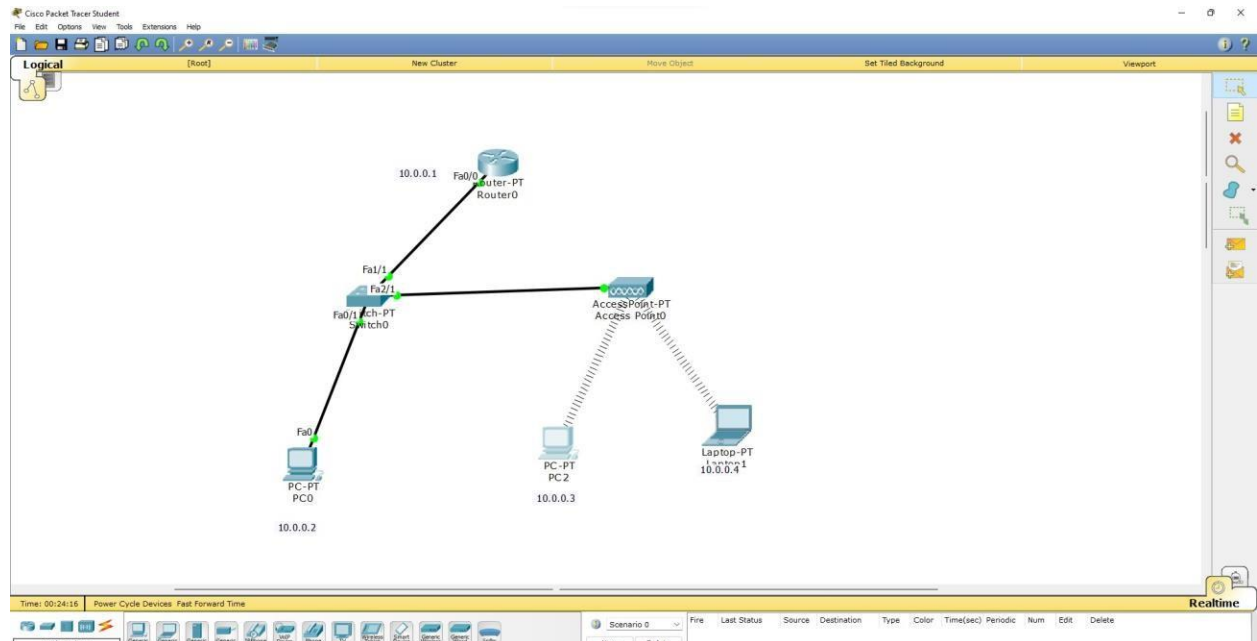
OBSERVATION:-

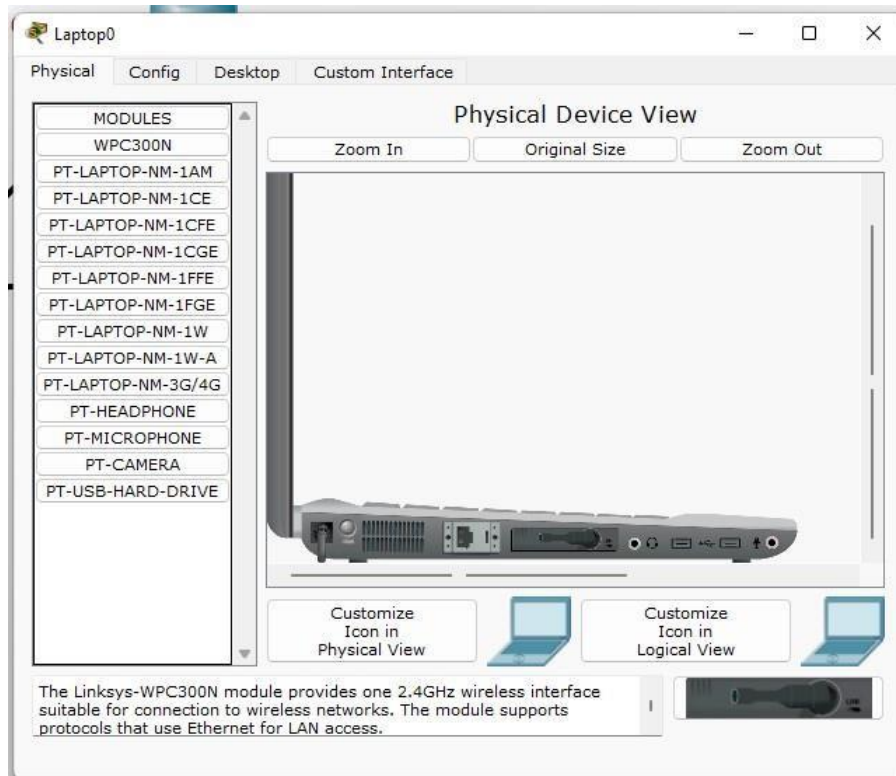
We can ping each and every device to the other device.

So we can observe that wireless connection is done successfully.

When connection is established there is striped line connecting access points and end devices.

TOPOLOGY:





OUTPUT:

