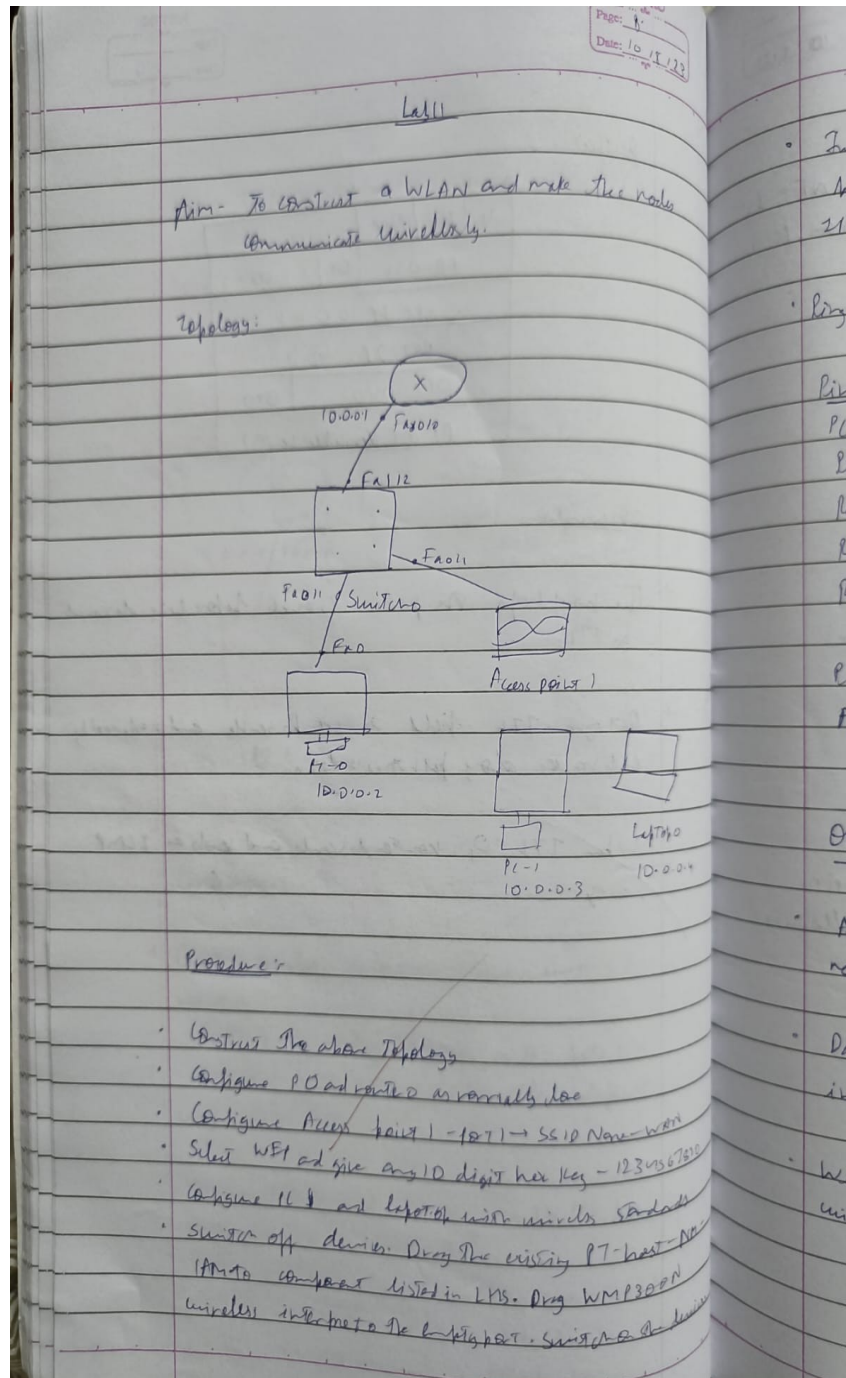


## WEEK 11

To construct a WLAN and make the nodes communicate wirelessly

OBSERVATION:



nodes

- In the config tab a new wireless interface would have been added. Now configure SSID, WEP, WEP Key, IP address and gateway to device.

Ping from every device to every other device.

Ping output

PC > Ping 10.0.0.3

Pinging 10.0.0.3 with 32 bytes of data:

Request times out

Reply from 10.0.0.3: bytes=32 time=20ms TTL=127

Reply from 10.0.0.3: bytes=32 time=20ms TTL=127

Ping Stats: Packets sent = 4, Received = 3, Loss = 1 (25%)

Approximate RTT times in milliseconds:

Minimum = 0ms, Maximum = 1ms, Average = 0ms

Left to  
10.0.0.4

Observation

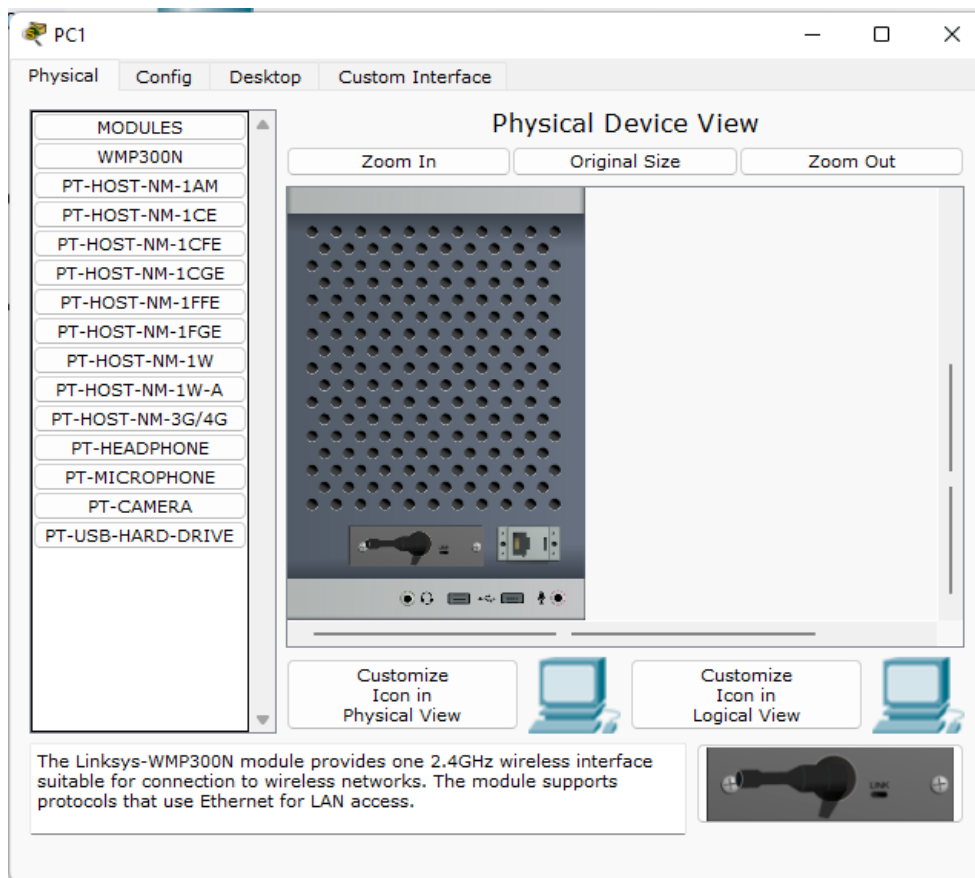
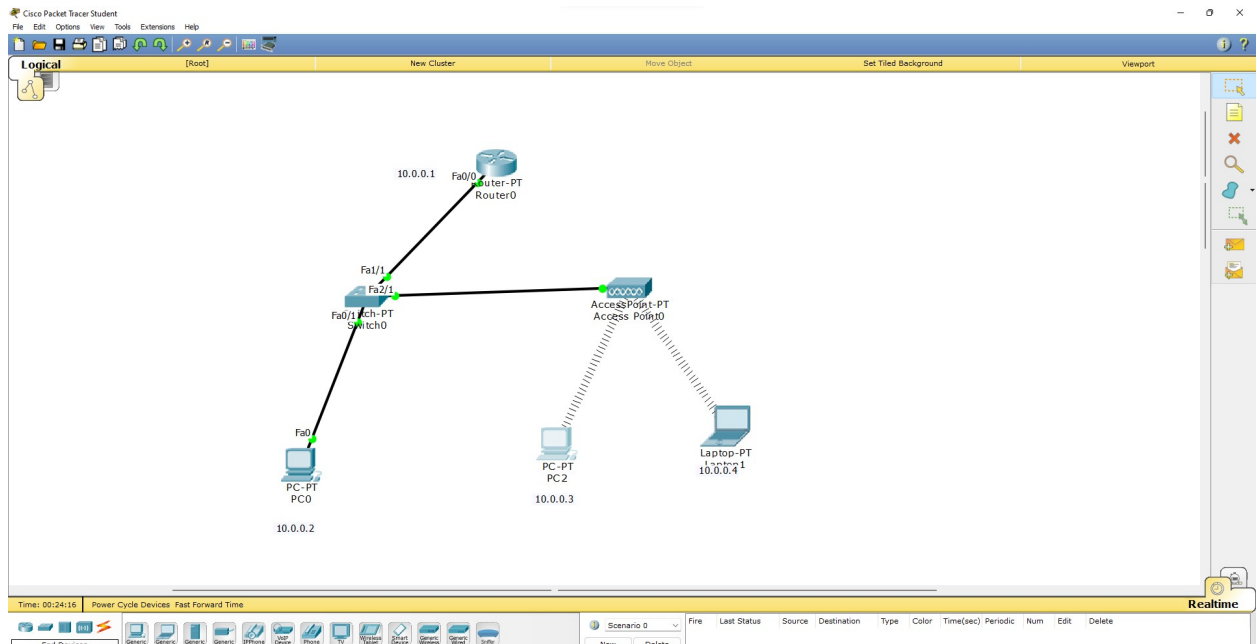
- A WLAN is a group of connected devices that form a network based on radio transmission.

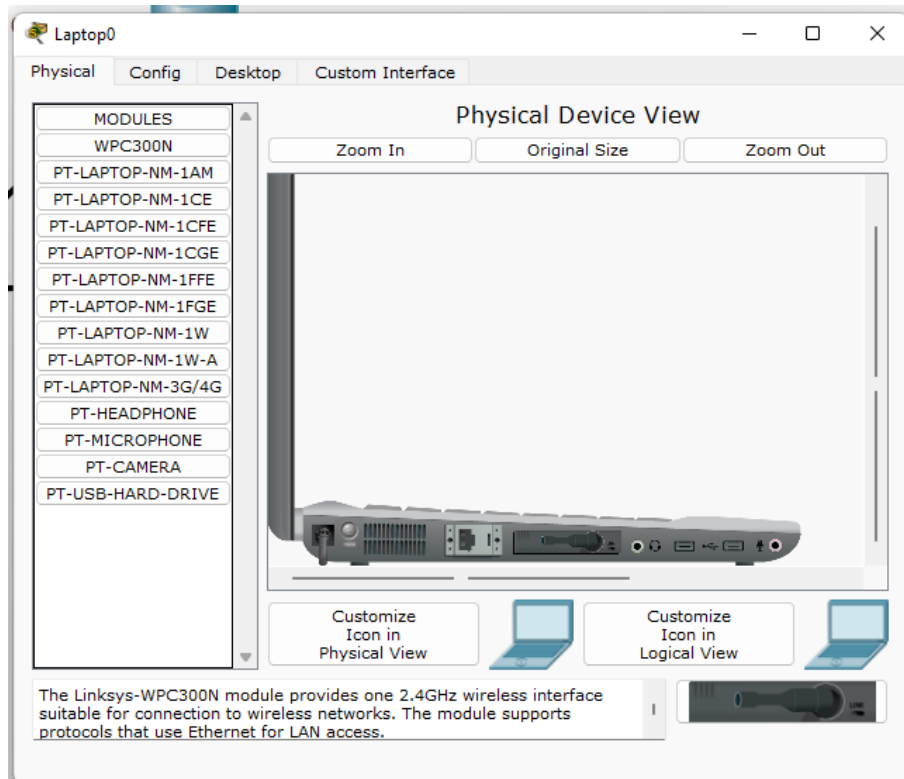
- Data sent in packets contain layers with labels and instructions. MAC address is added for routing.

- With access point we can connect to multiple devices wirelessly and transmit data.

WAN  
234567890  
Standards  
best - DM-  
11300N  
A device

TOPOLOGY:





OUTPUT:

