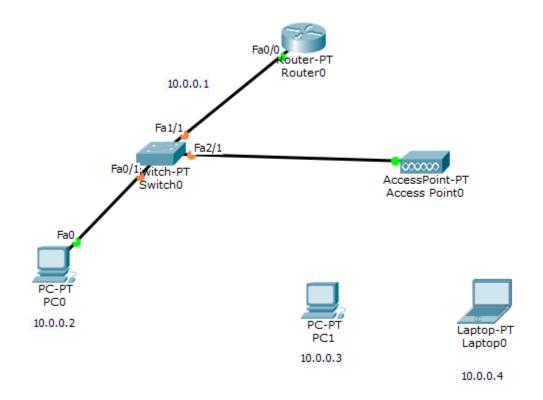
LAB 11:

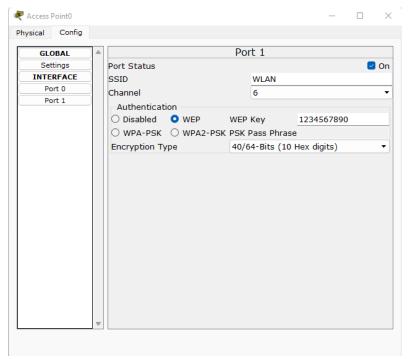
Aim : To construct a WLAN and make the nodes communicate wirelessly

Topology:

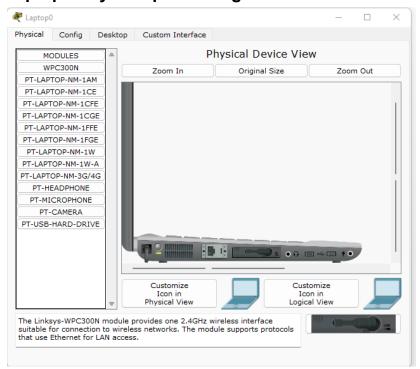


Configurations:

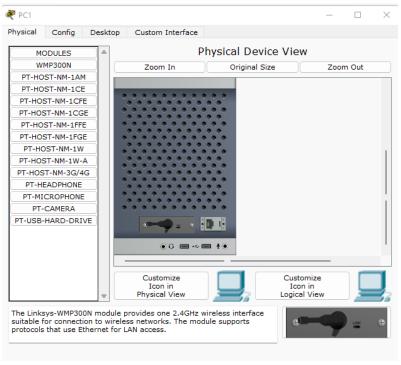
Access Point0:



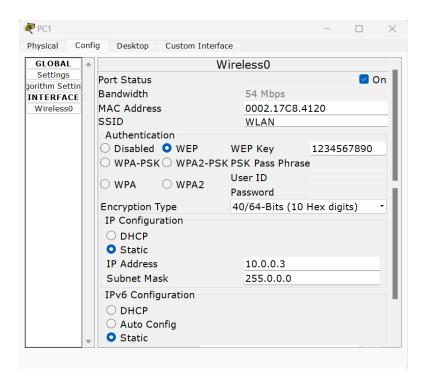
Laptop0 Physical port change:



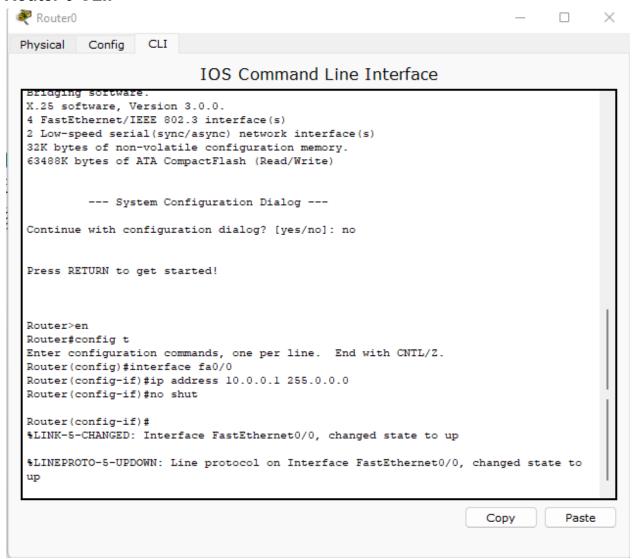
PC0 Physical port change:



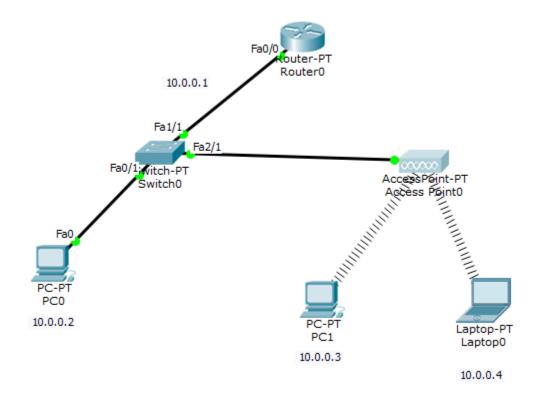
PC0 and Laptop0 Wireless configuration:



Router 0 CLI:

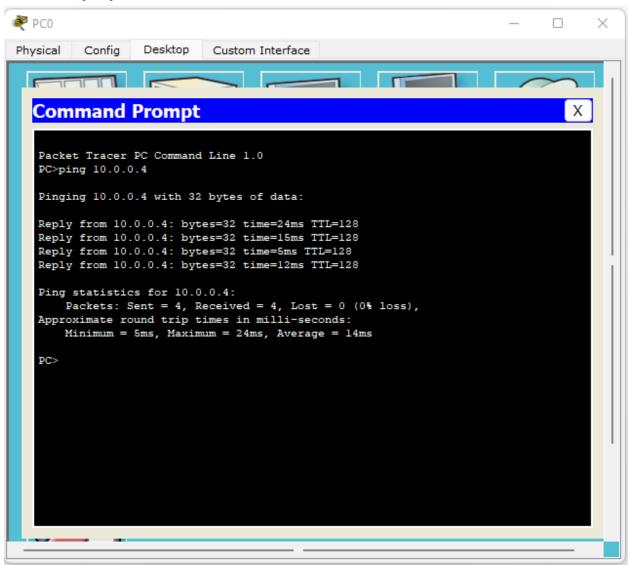


Final Topology:

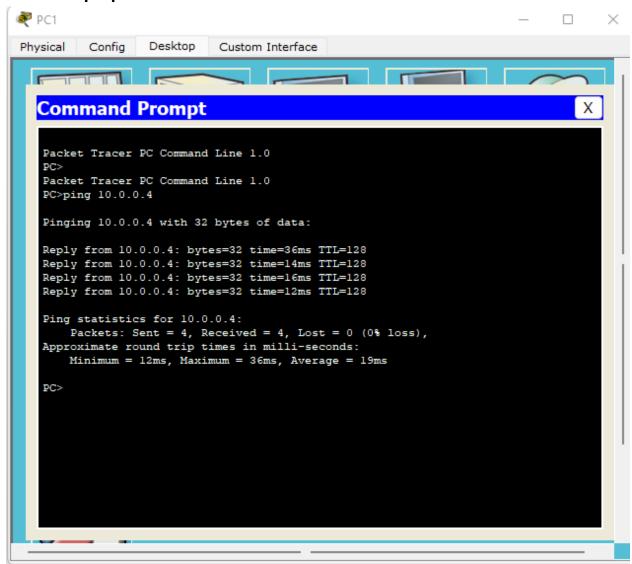


Command Prompt:

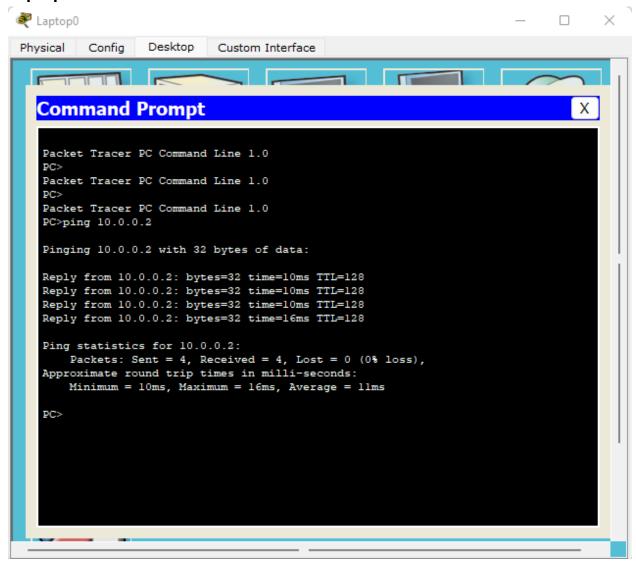
PC0 to Laptop0:



PC1 to Laptop0:



Laptop0 to PC0:





	Lab 11
	Aim: To construct a WLAN and make the modes communicate wirelessly.
	nodes communicate wirelessly
1	Telhology:
	6000
1	Kower - PT
1	10.0.0.1 Koutero
1	
-	Fall
	1 Fa2/1
	Switch-PT
-	Skitch O Access Point-PT
	Access Point 0
	FaO
	PC-PT
	PCO
+	PC-PT Laptop-PT LaptopO
-	10.0.0.3
	D /
	Procedure:
7	Cart 18 ADD
)	Creste the topology as Shown above
1	
2)	Configure PC 3 IP address: 10.0.0.2
	IP address: 10.0.0.2
7	Could be seen to the seen to t
3)	Configure Router O. Set fastethernet 0/0 as 10.0.0.1 in usual method.
-	as 10.0.0.1 in usual method.



1) Con liver the Access Point) -> Port in Config
CSID = WLAN
Solot WEP and give any 10 digit hex
4) Configure the Access Point 1 -> Port 1 in Config -> USSID = WLAN Select WEP and give any 10 digit hex = 123456 +890
5) TO Configure PC4 and Captop with Wireless Standards.
Shir Das Ms
jan govern
· Switch all the device Drog the existing
DI-HOST-NM-1AM to the LHS.
Dead 10 MP300N wireless interface to the empty
la det
2 Switch On the device.
O Switch off the device Drog the existing PT-HOST-NM-1AM to the LHS. O Drag WMP300N wireless interface to the empty part. O Switch On the device.
6) In the config tab, a new wiseless interface would have been added.
I selve could have been added
Mily & was
7) Now, configure SSID, WEP, WEP Key, IP address and Gateway to both PC and Laptop SSID=WLAN WEP Key = 1234567890
address and crategory to both &C and
La Hop
SSID= W/AN/
WED LOW - 1234567890
WEP ROJ - (2513618)
Goteway = 10.0.0.1
$a \circ b + b \circ a \circ b$
Ping Output: (In PCO)
PC > ping 10.0.0.4
Pinging 10.0.0. 4 with 32 bytes of Lata:
Reply from 10.0.0.4: bytes=32 time =2 time =2 time = 7TL=128



	~
	Reply from 10.0.0.4: bytes=32 time=15ms TTL=125 Peply from 10.0.0.4: bytes=32 time=5ms TTL=125 Peply from 10.0.0.4: bytes=32 time=12ms TTL=125
K	hly from 10.0.0. 4: hules = 32 1:00 = 55h
. 6	hy hom 10.0.0.4: butes= 22 dates= 12
	1 2 ms 112=12f
	Pina Statutice Des 10.0. D. 4.
	Prikets - Q = f - 4 Priced - 1 1 + Comment
	Ping Statustics for 10.0.0.4: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss) Approximate round trip times in milli seconds: Minimum = 5ms, Manimum = 24ms, Average = 14mg.
	Minimum = 5 ms Maringul = 34 mg 1) and
	many with - 2 (ms, pullage = 14 mg.
	Observation:
->	We can fing from every device to every other Device successfully.
	Society of the society of these
	Divice successfully.
	inus we overle that the wireless connection
	Thus we observe that the wireless connection is successfull.
	1 11. 1. 1. 1
7	In the final topology, we observe stripped
	lines from oxcess point to PC4 and Laptopo
	indicating the establishment of wireless
	Countition.
	In the final topology, we observe stripped lines from occess point to PC4 and Laptopo indicating the establishment of wireless connection.
	THE MEDICAL PROPERTY OF
	in the state of th
	112 6 3 332
	13 on K harrier 1 . The s