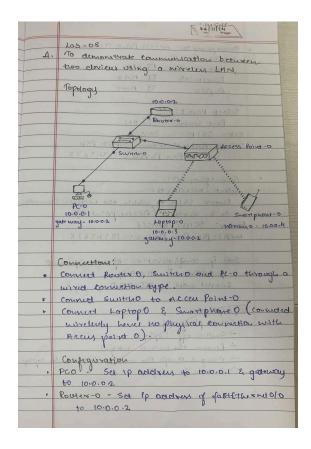
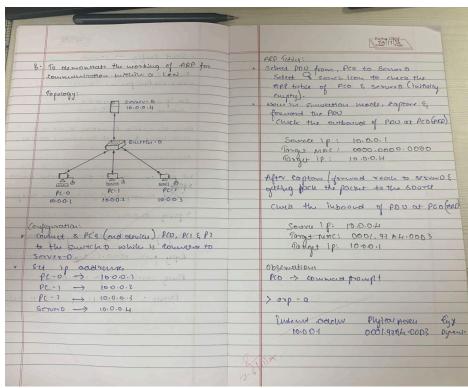
NAME : Mohith Jain USN: 1BM22CS162

#### CN LAB 8

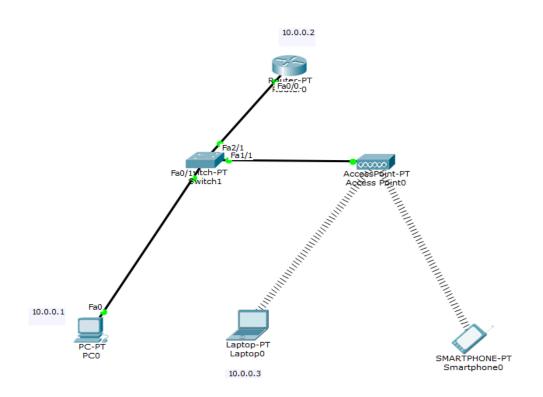
### AIM: TO DEMONSTRATE COMMUNICATION B/W TWO DEVICES USING A WIRELESS LAN

#### **OBSERVATION:**



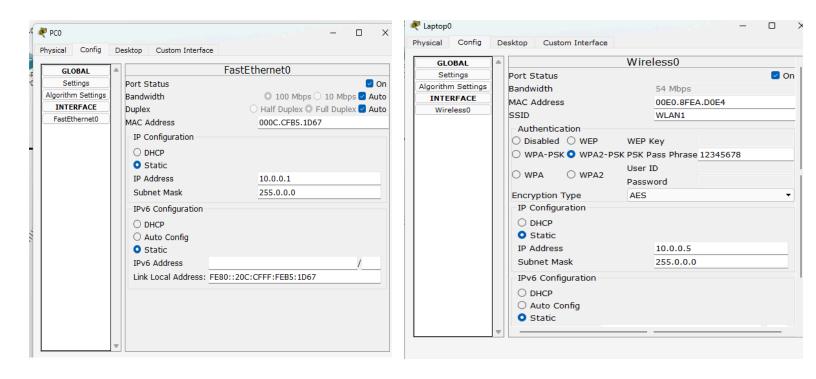


### TOPOLOGY:



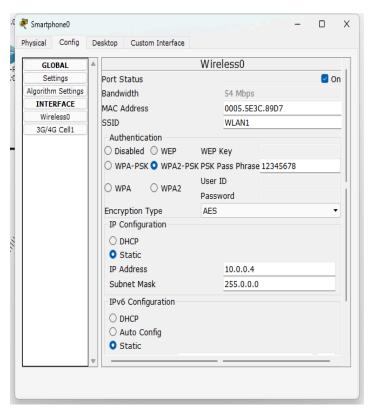
## PC0 CONFIGURATION:

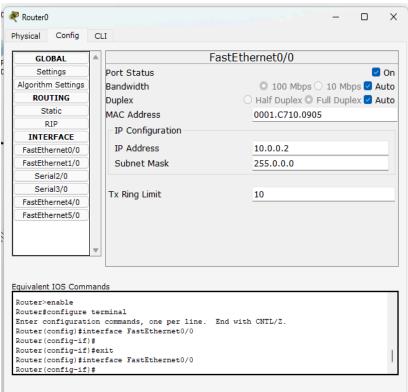
## LAPTOP CONFIGURATION:



### SMART-PHONE CONFIGURATION:

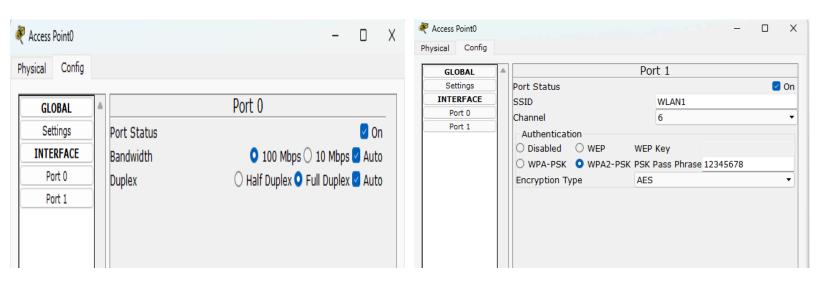
### **ROUTERO CONFIGURATION:**



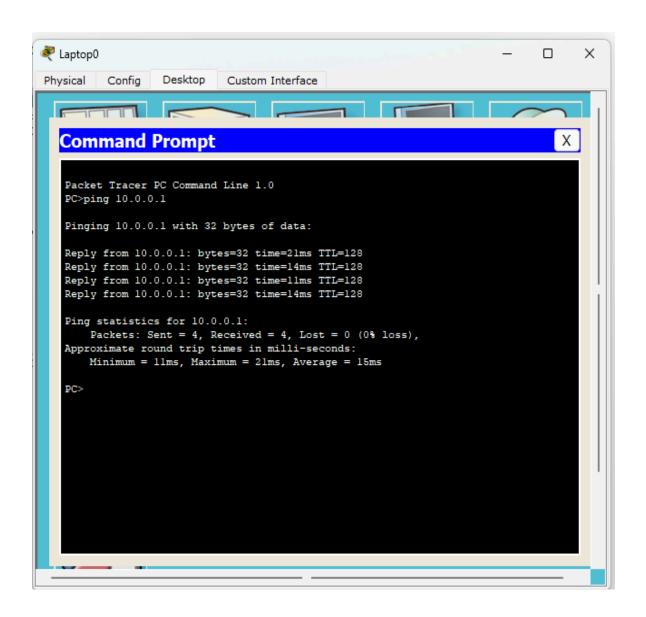


## **ACCESS-POINT PORTO**

### **ACCESS-POINT PORT1**



## PING FROM LAPTOP TO PC

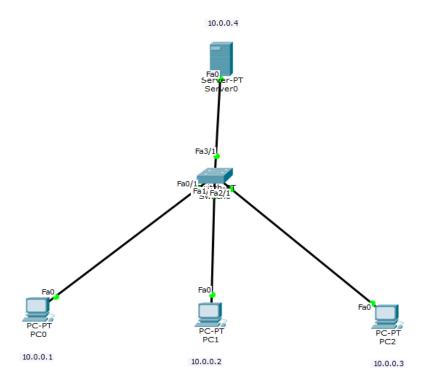


# **AIM:** TO DEMONSTRATE THE WORKING OF ARP FOR COMMUNICATION WITHIN A LAN

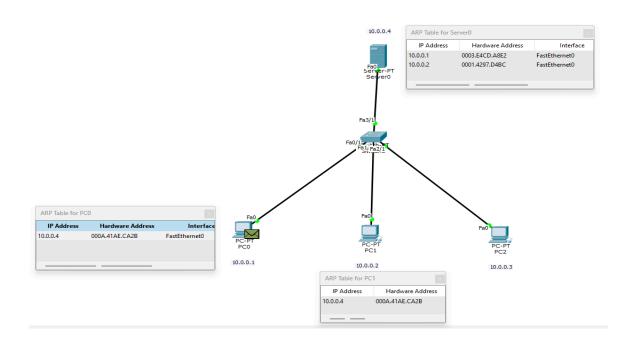
# OBSERVATION:

es fel as	Bafing Gold
· Simontyphone Dri Access Poliot O:	· Selvet config -> horrelus
Solatt Porto:	130 to pristan sit stategowsh at 3
Print Startes U ON	Euter SSID: 8mSCE
Barawidh A Auto	WPA 2-PSK Pars porare: 12345678
Doplex & Auto	Turnel or of the color of the c
2.000	sa ip adaxus: 10.0.0.3
Select Port 1:	Subnet night: 255.0.0.0
Port Status: 1 ON	
set SSID: BMSCE	Now, the wireles connection is set and
Schrt Anthentication: kIPA2-PSK	SSID have been set to wordly devices.
PSK Pass Phran: 12345678	
	Observation:
Snartphone O:	
Select Wireley O:	We can communicate from wireless divides
. Enter SSID to which the wivells connection	
to be made (ARRUM point o)	Select Executive pur O > No. 1 - 2 Purel comment
EINTER SSID: BRISCE	Select Snowtphone 0, -> Desistop -> curd prompt
6PA2-PSK Pan Pmane: 12345678	
STALE ISK PULL TRULE. IES ASOTO	> bind 10.0.0.1
Set ip configuration of smortphone o	Physica 10.0.0 L worth 32 hota it data:
is add to the second se	Pinging 10.0.0.1 with 32 bytes if data:
if address 10.0.0.4	
EN PLANT ( SZZ . 0.0.0	Reply from 10:00.1: 5ytes:32 TTL:120
County out outsid toward &	
Laftapa and 3 agarded by man 1	Pinoj squitetius for 10.0.0.1.
· Select physical at head about	5000 € 1-39
-> Switch off Laptopa har 1 11124	Packets; Sout = H. Recard = H. Lost >
-> Reman the wisco merido	110000 C 000003
-> Drag & a rop the wordy interface to laptop	
-> Switch on Laptop 9	
\$0.001 01	
Produce - Condens of the - 0-section !	
Salvered na	

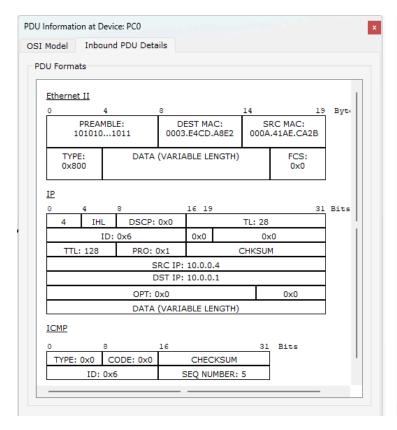
## TOPOLOGY:



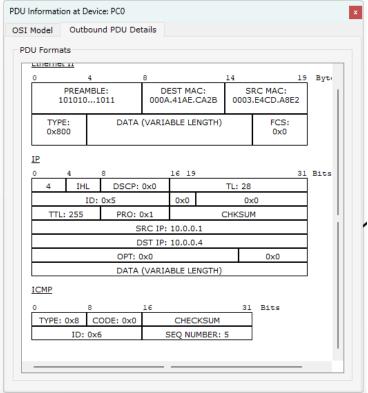
## ARP TABLES:



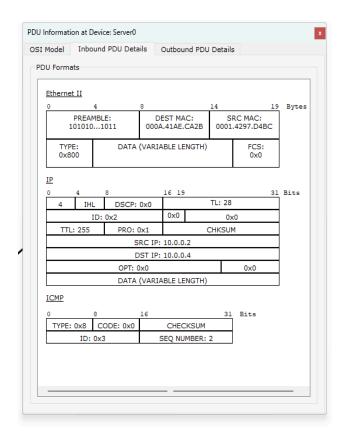
## PC0 INBOUND



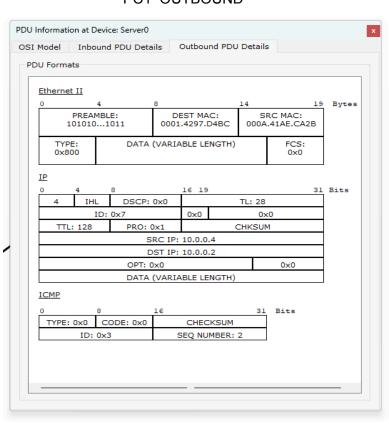
## PC0 OUTBOUND



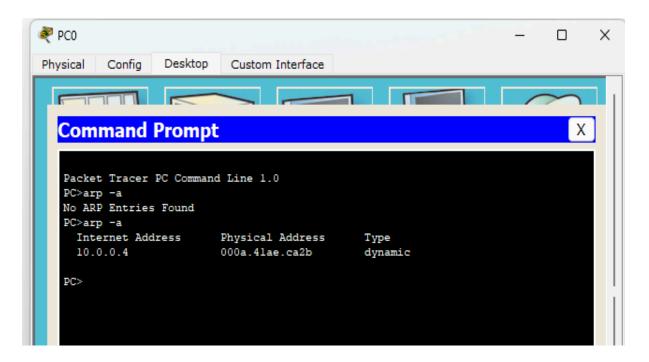
### PC1 INBOUND



### PC1 OUTBOUND



## PING FROM PC0



## PING FROM SERVER0

