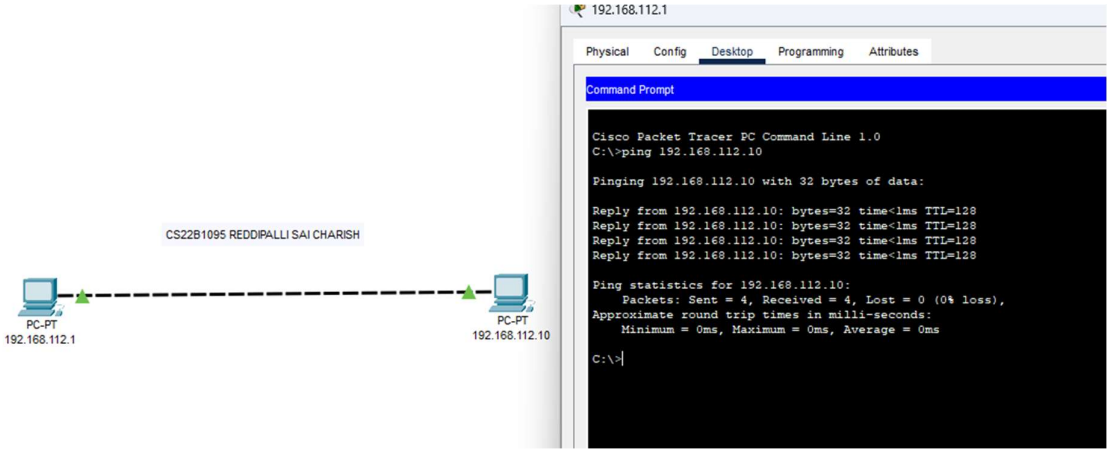
COMPUTER NETWORKS
LAB ASSIGNMENT-02

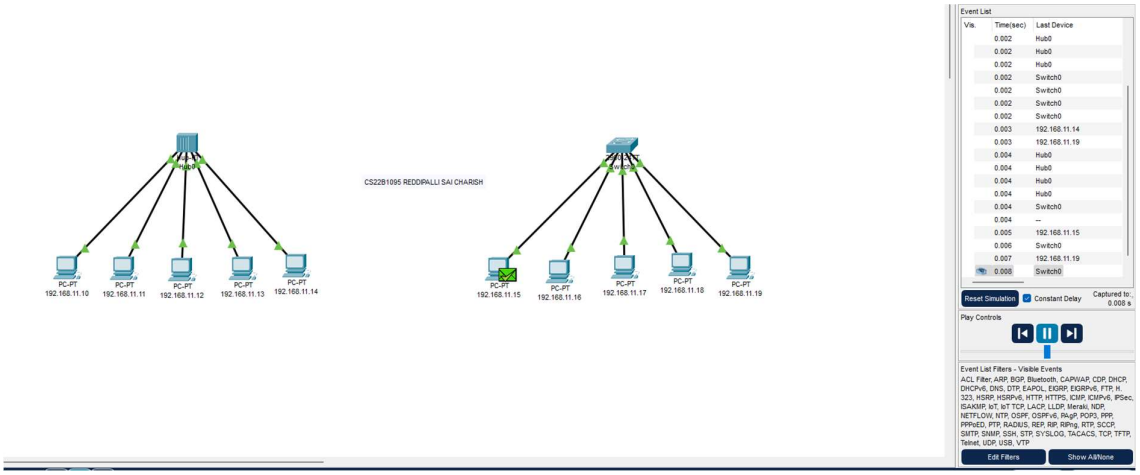
REDDIPALLI SAI CHARISH

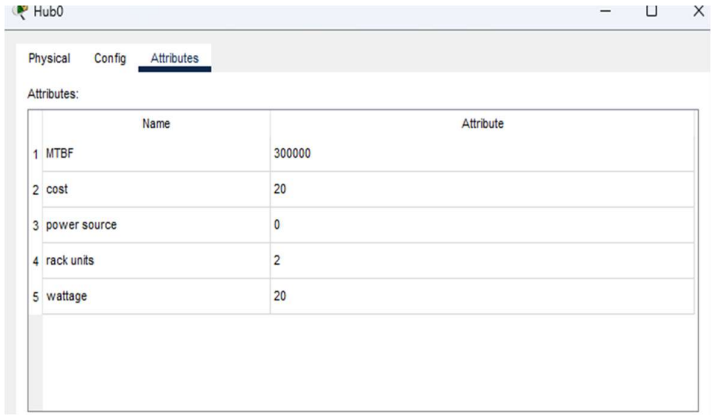
CS22B1095

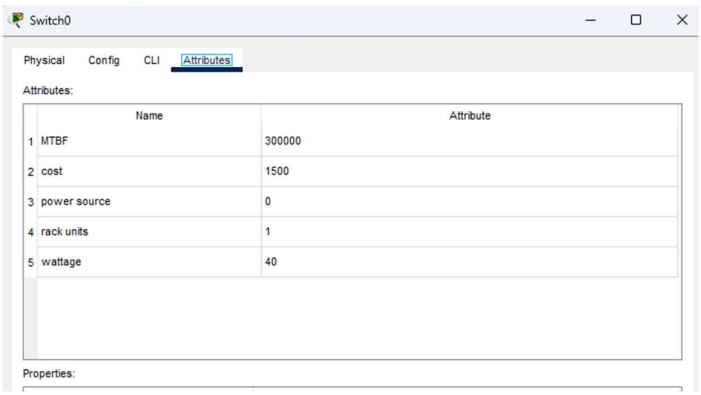
QUESTION 1:

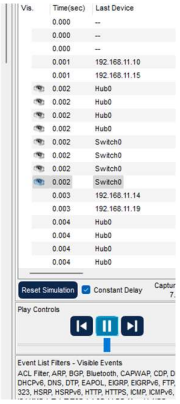


QUESTION 2:



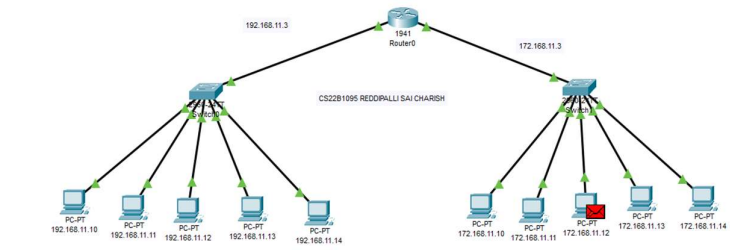


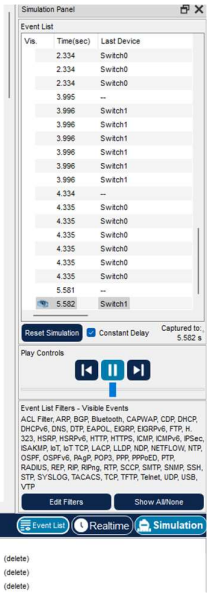




The topology used is **STAR TOPOLOGY.**

QUESTION 3:





we used two gateways in this :

And assigned ip’s to the end devices also

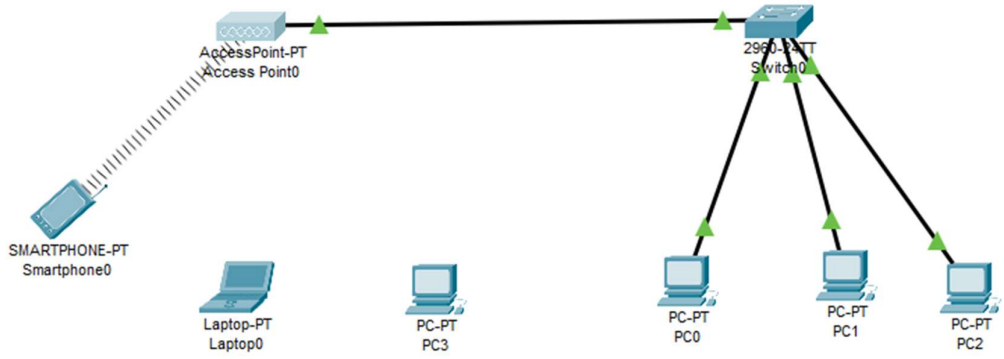
192.168.11.3

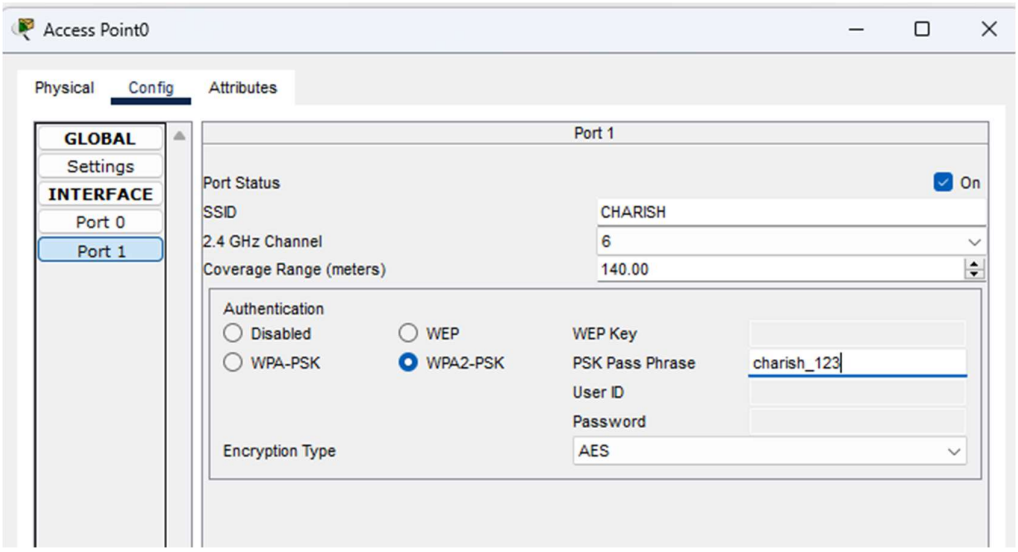
172.168.11.3

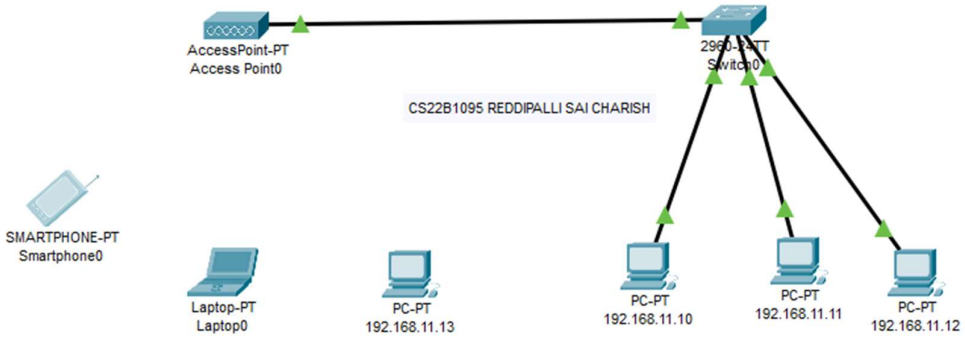
And we have transformed one packet to other using router and we can see the packet has transferred successfully.

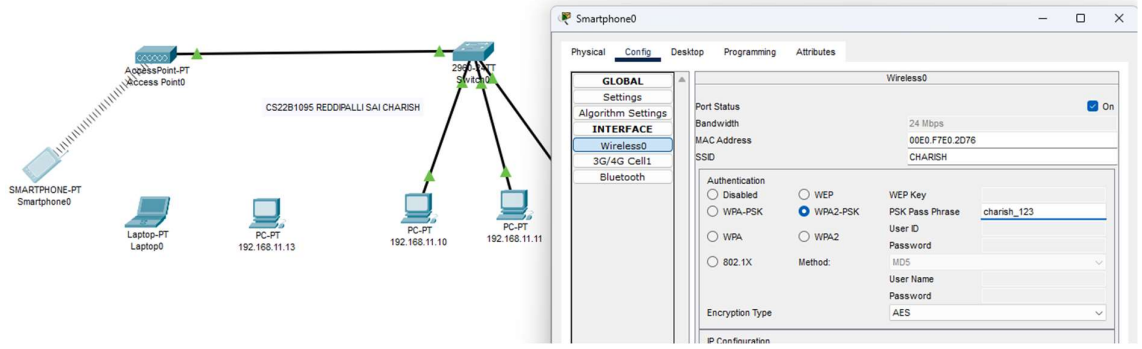
QUESTION 4:

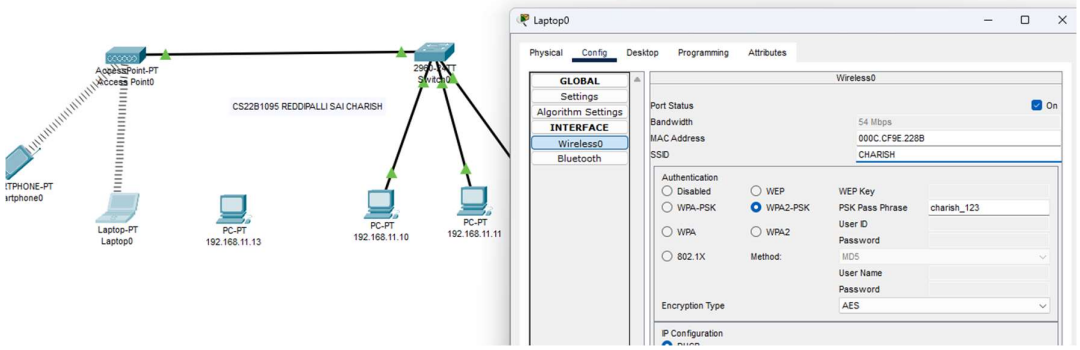
BEFORE ASSIGNING PASSWORDS

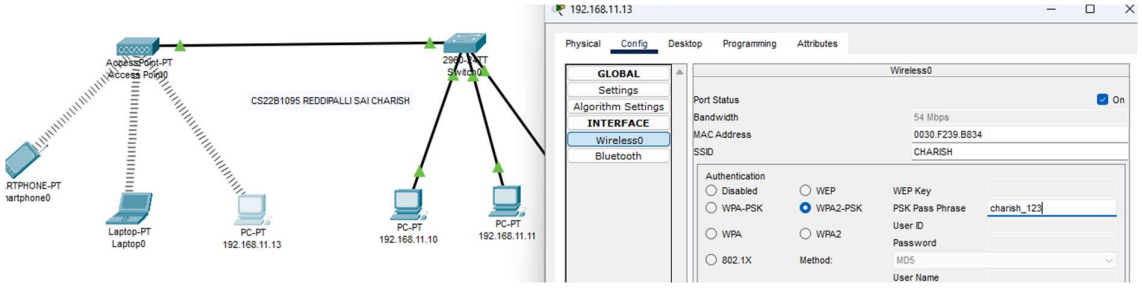


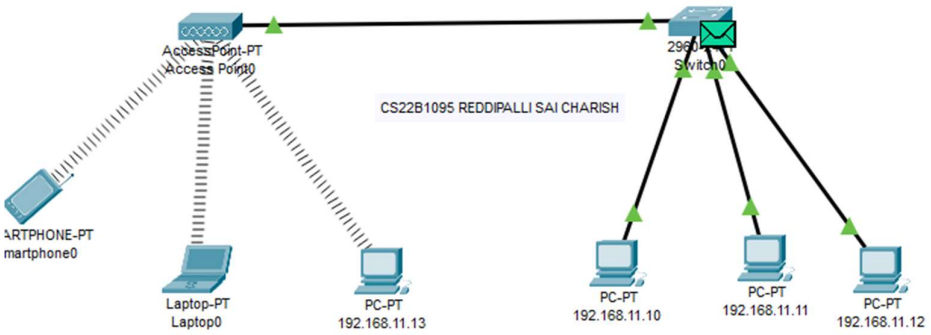



AccessPoint-PT
Access Point0
2960-24TT
Switch0
CS22B1095 REDDIPALLI SAI CHARISH
SMARTPHONE-PT
Smartphone0
Laptop-PT
Laptop0
PC-PT
192.168.11.13
PC-PT
192.168.11.10
PC-PT
192.168.11.11
PC-PT
192.168.11.12

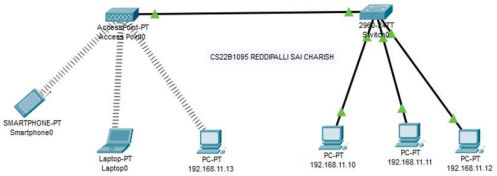

AccessPoint-PT
Access Point0
2960-24TT
Switch0
CS22B1095 REDDIPALLI SAI CHARISH
SMARTPHONE-PT
Smartphone0
Laptop-PT
Laptop0
PC-PT
192.168.11.13
PC-PT
192.168.11.10
PC-PT
192.168.11.11
Smartphone0
Physical
Config
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
Wireless0
3G/4G Cell1
Bluetooth
Wireless0
Port Status
On
Bandwidth
24 Mbps
MAC Address
00E0.F7E0.2D76
SSID
CHARISH
Authentication
Disabled
WEP
WPA-PSK
WPA2-PSK
WPA
WPA2
802.1X
Method:
MD5
WEP Key
PSK Pass Phrase
charish_123
User ID
Password
User Name
Password
Encryption Type
AES
IP Configuration


AccessPoint-PT
Access Point0
CS22B1095 REDDIPALLI SAI CHARISH
Laptop-PT
Laptop0
PC-PT
192.168.11.13
PC-PT
192.168.11.10
PC-PT
192.168.11.11
Laptop0
Physical
Config
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
Wireless0
Bluetooth
Wireless0
Port Status
On
Bandwidth
54 Mbps
MAC Address
000C.CF9E.228B
SSID
CHARISH
Authentication
Disabled
WEP
WPA-PSK
WPA2-PSK
WPA
WPA2
802.1X
Method:
MD5
WEP Key
PSK Pass Phrase
charish_123
User ID
Password
User Name
Password
Encryption Type
AES
IP Configuration


AccessPoint-PT
Access Point0
CS22B1095 REDDIPALLI SAI CHARISH
Laptop-PT
Laptop0
PC-PT
192.168.11.13
PC-PT
192.168.11.10
PC-PT
192.168.11.11
192.168.11.13
Physical
Config
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
Wireless0
Bluetooth
Wireless0
Port Status
On
Bandwidth
54 Mbps
MAC Address
0030.F239.B834
SSID
CHARISH
Authentication
Disabled
WEP
WPA-PSK
WPA2-PSK
WPA
WPA2
802.1X
Method:
MD5
WEP Key
PSK Pass Phrase
charish_123
User ID
Password
User Name

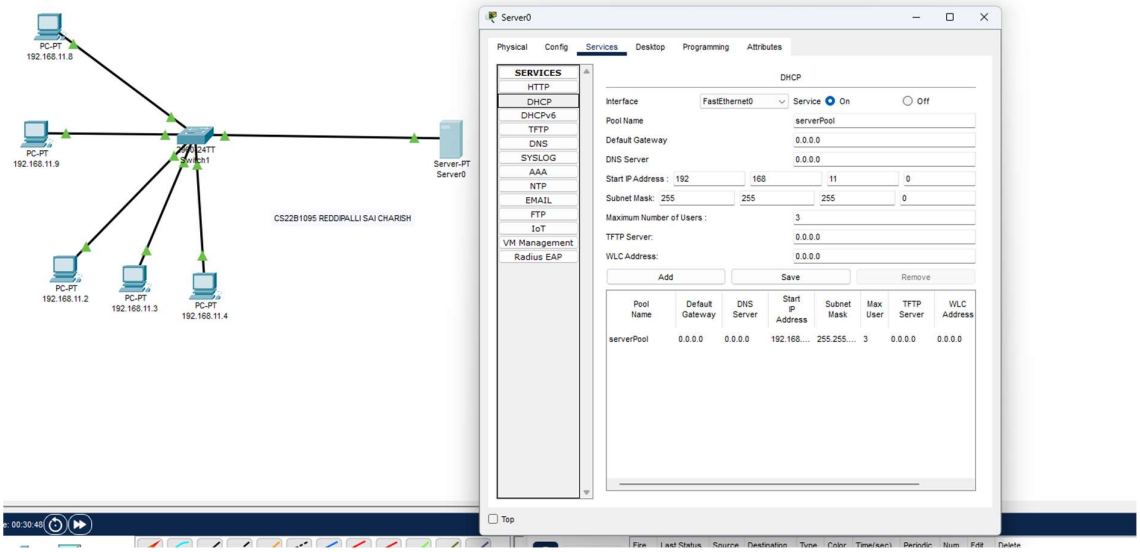


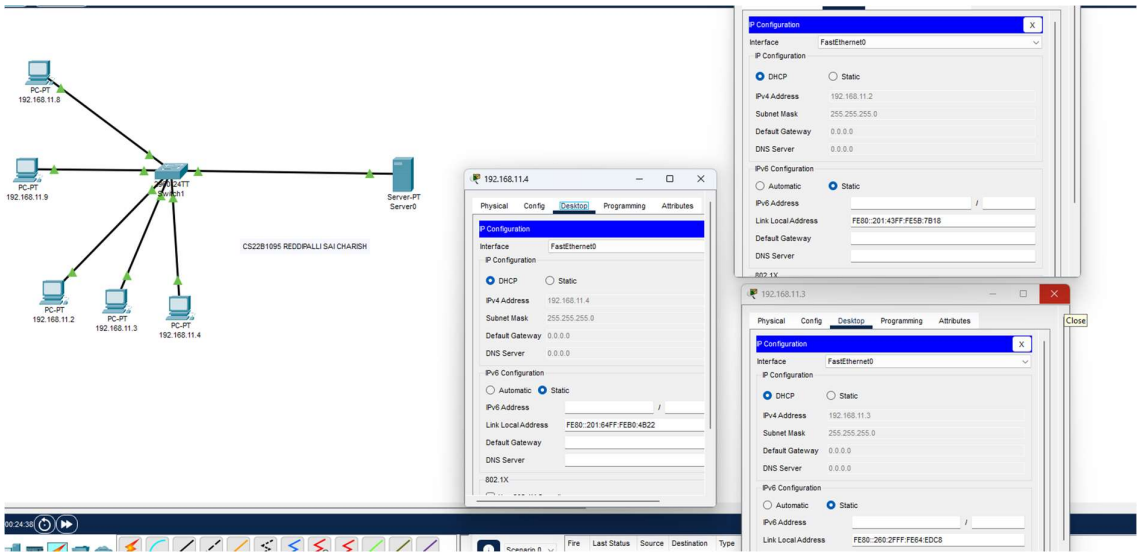
Packet Transformation:



QUESTION 5:

3 ASSIGNED IP'S FROM DHCP





2 MANUALLY ASSIGNED IP’S