

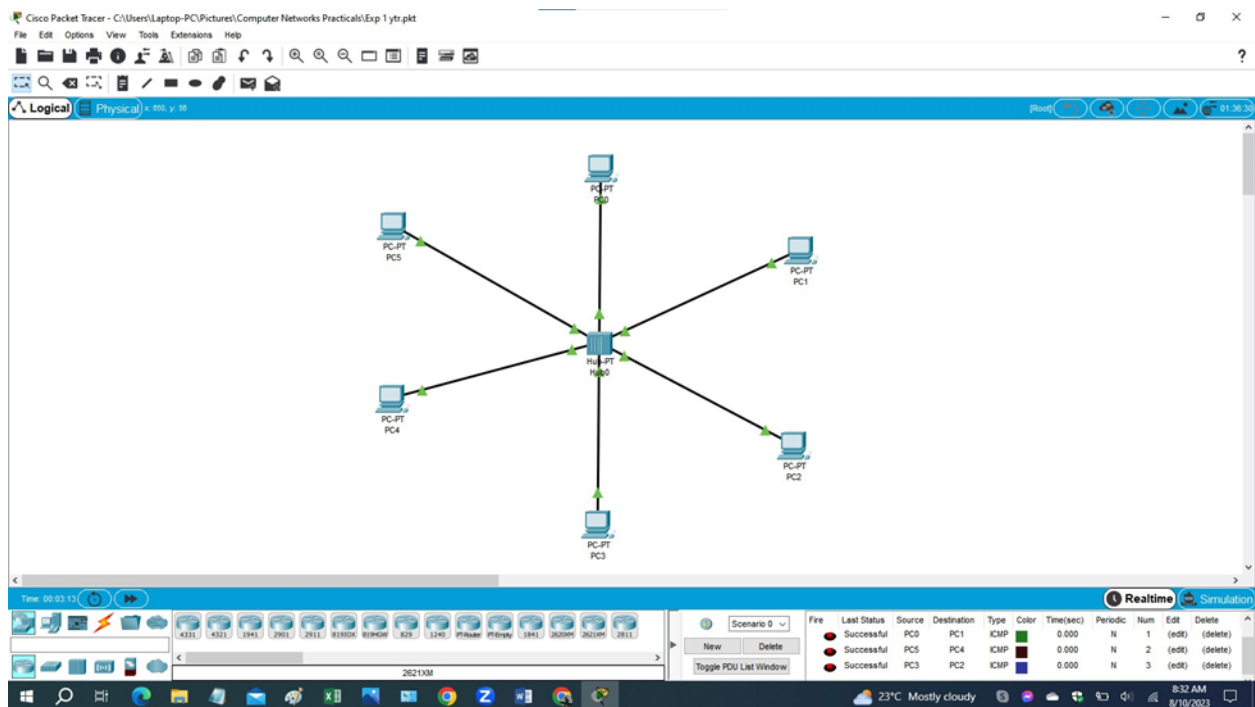
Name :- M DEEPAK

Regd.No :- 192211373

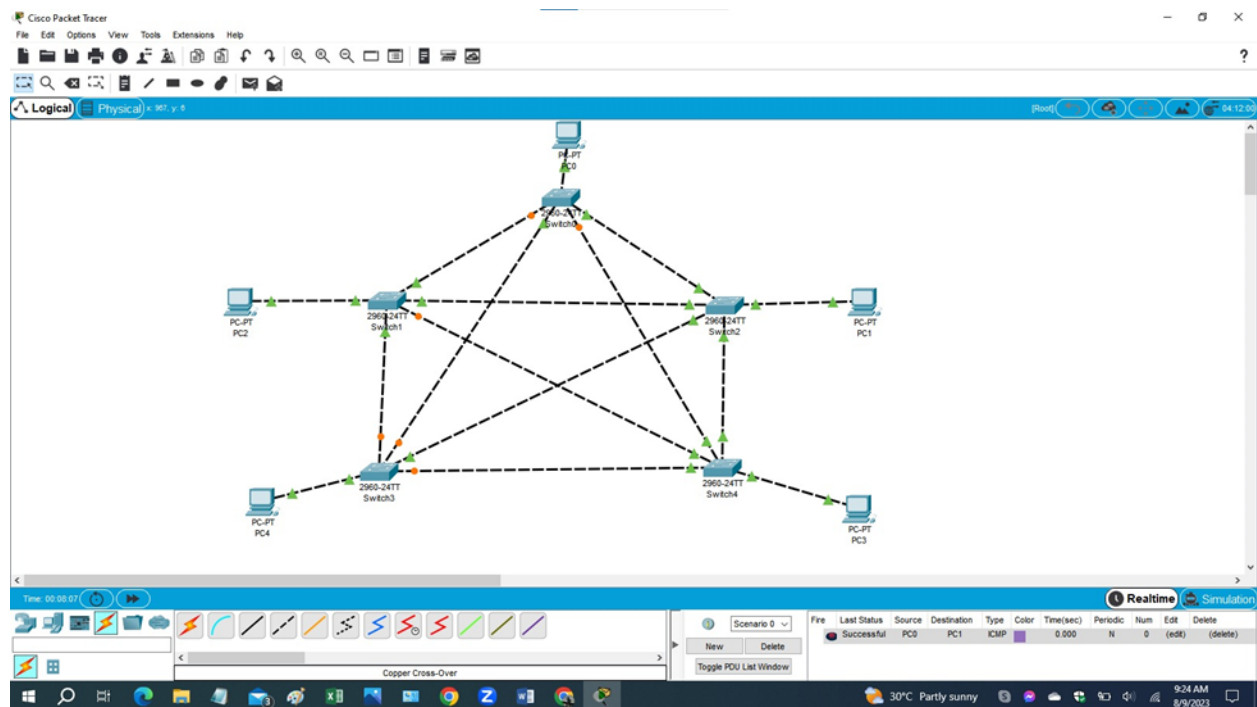
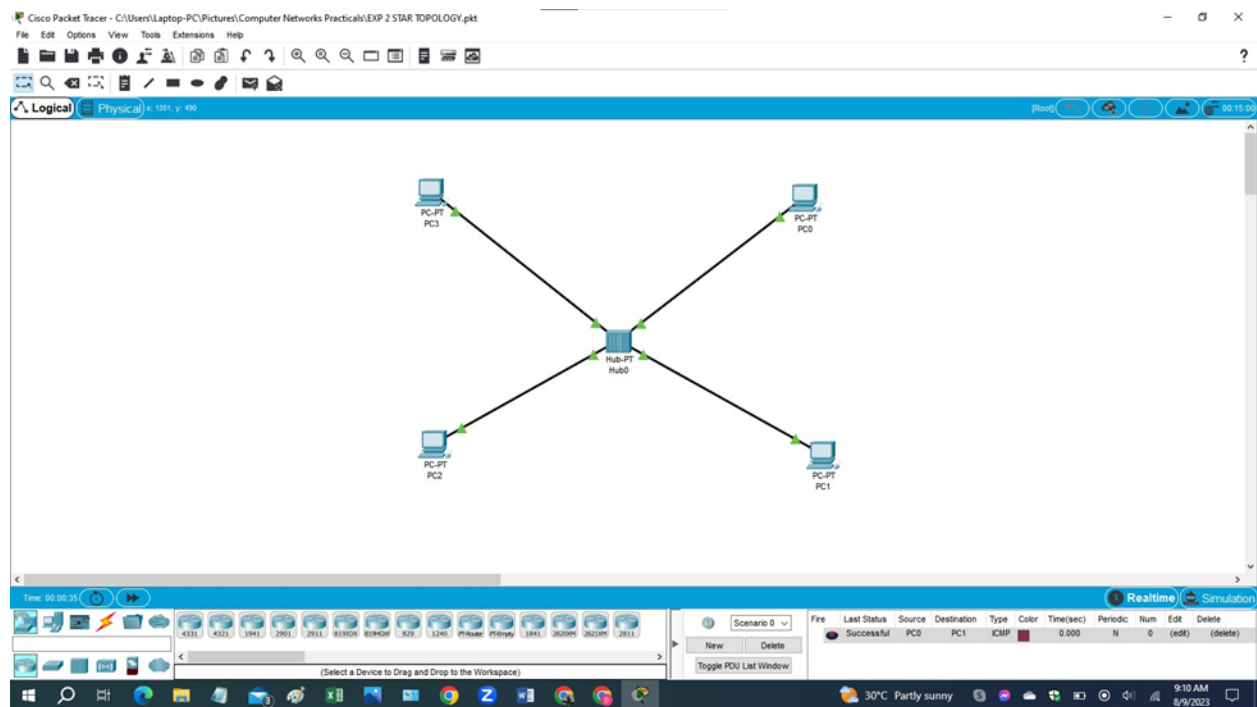
Subject Code & Subject Name :- CSA0763 - Computer Networks for Mobility and Mobile IP.

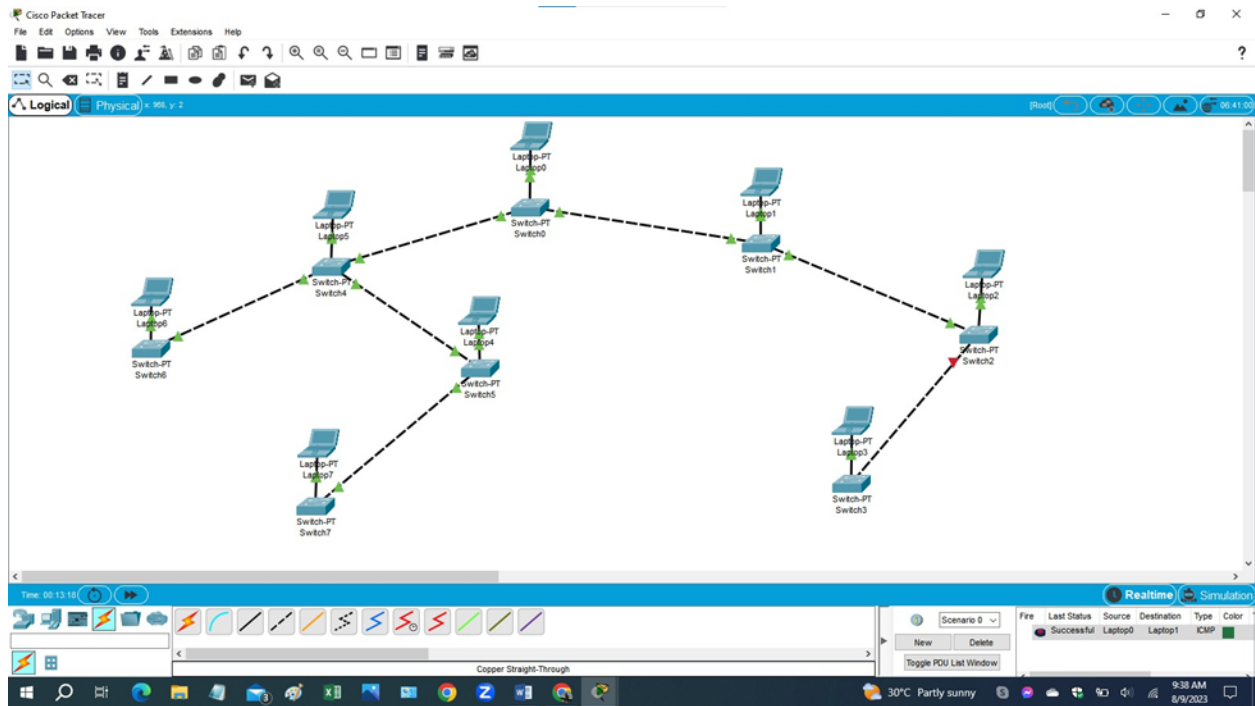
## EXPERIMENTS

### 1. Configuration of Network Devices using Packet Tracer (Hub, Switch, Ethernet, Broadcast).

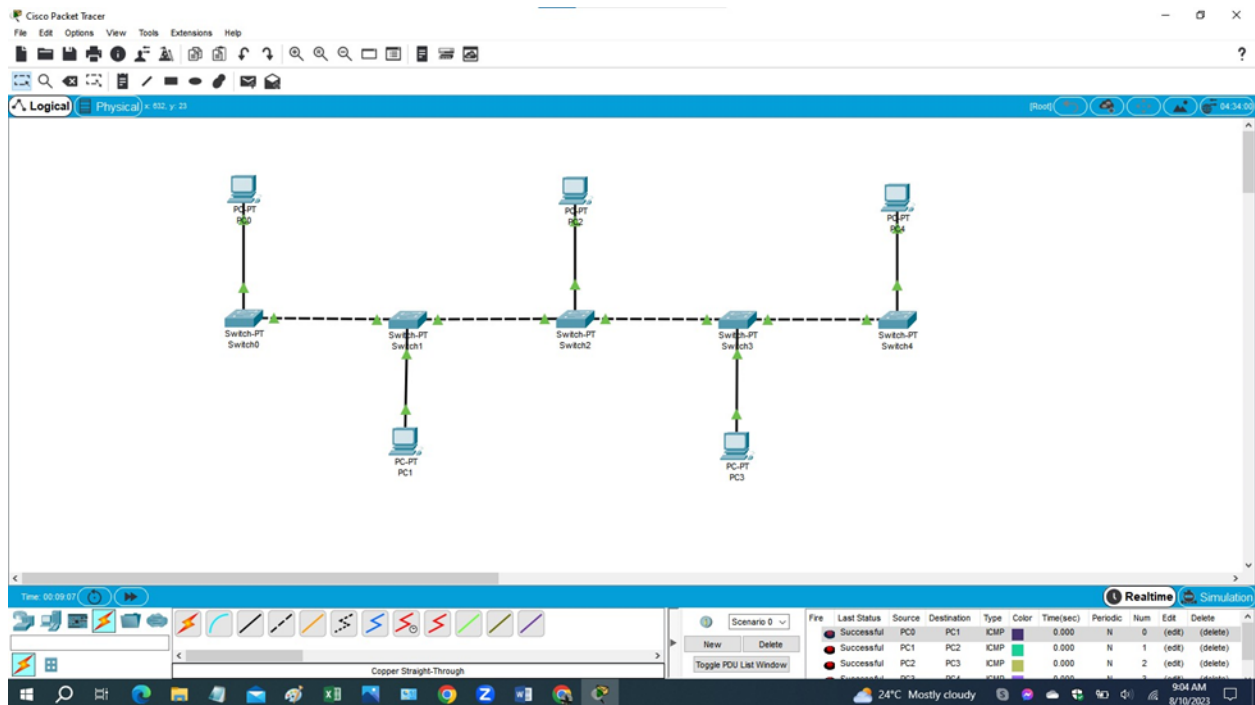


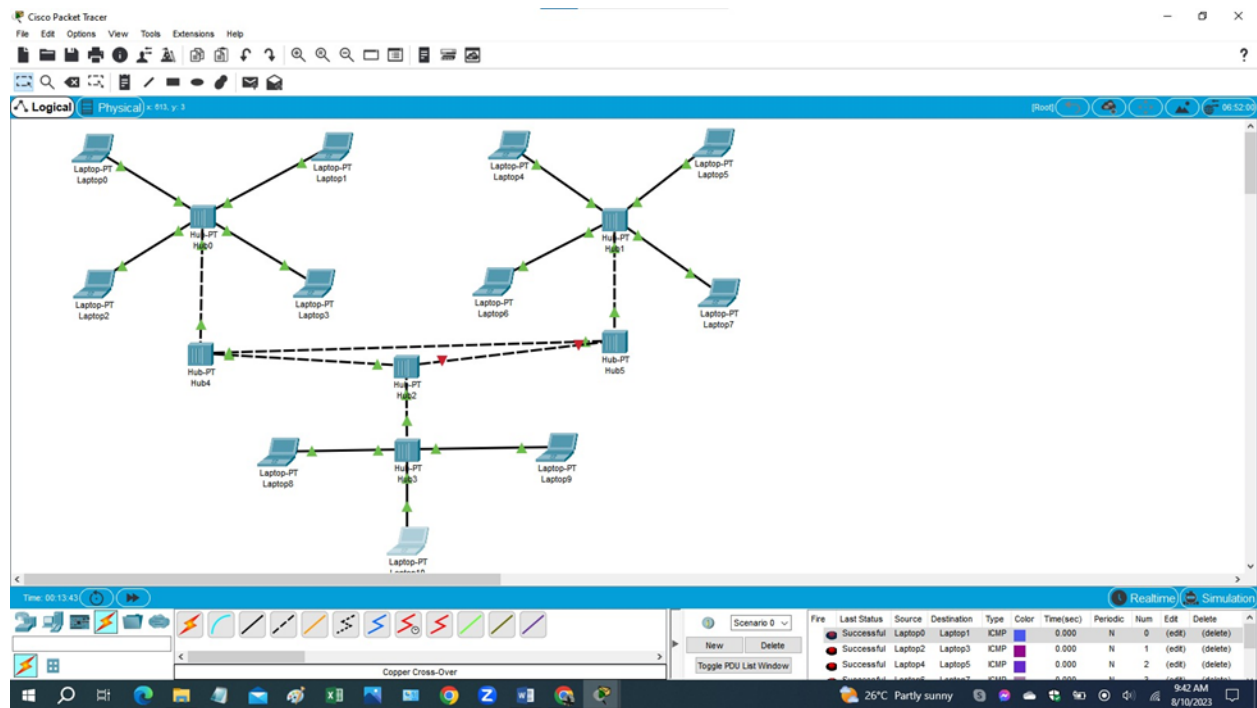
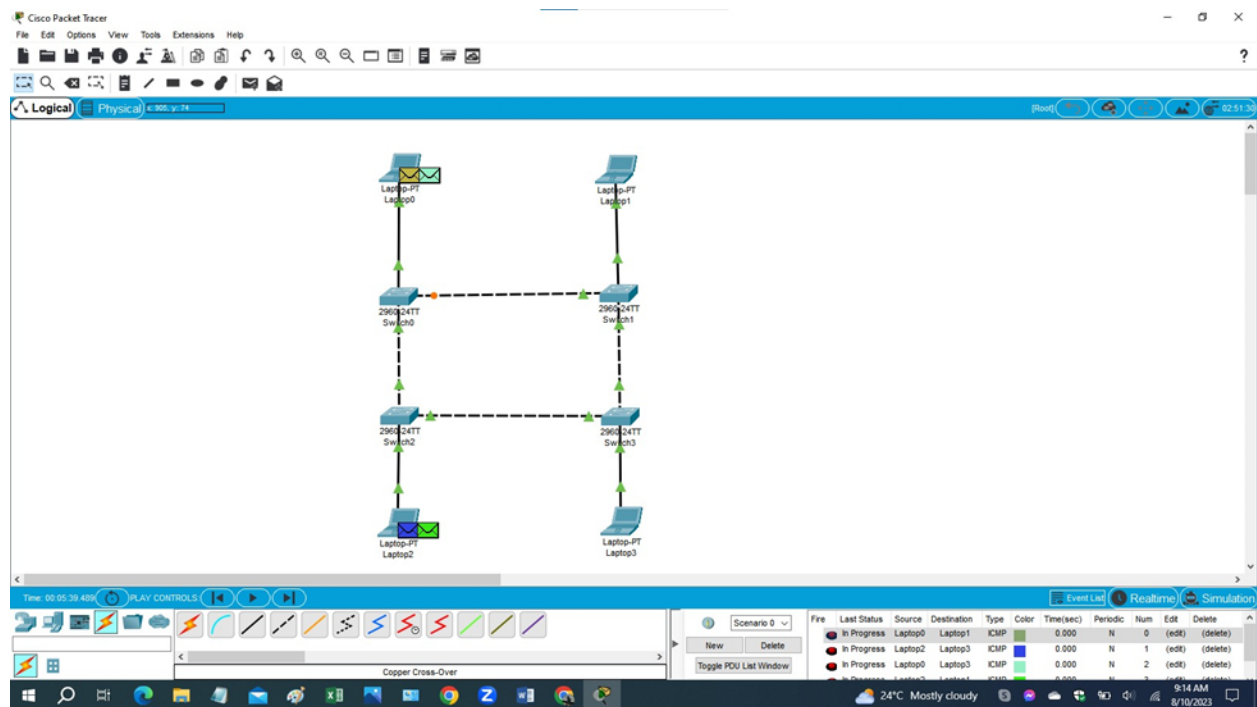
### 2. Configuration of Topologies using Packet Tracer (Star, Mesh, Tree).



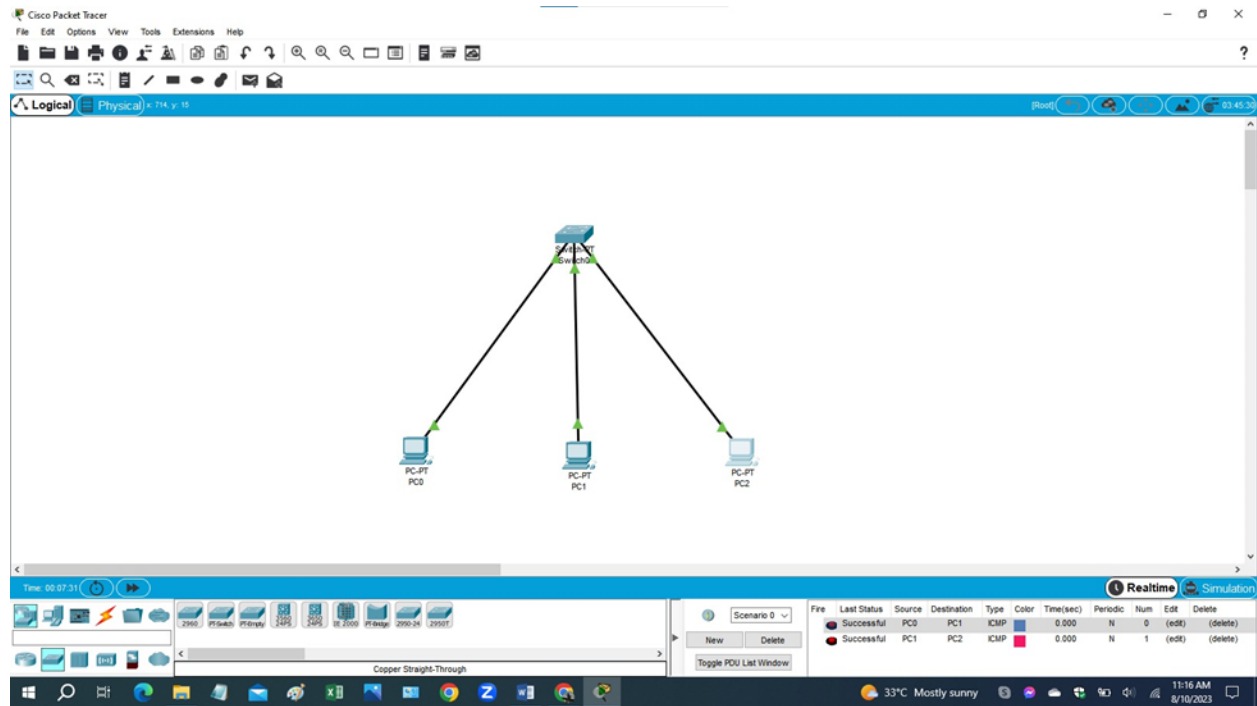


### 3. Configuration of Topologies using Packet Tracer (Bus, Ring, Hybrid).

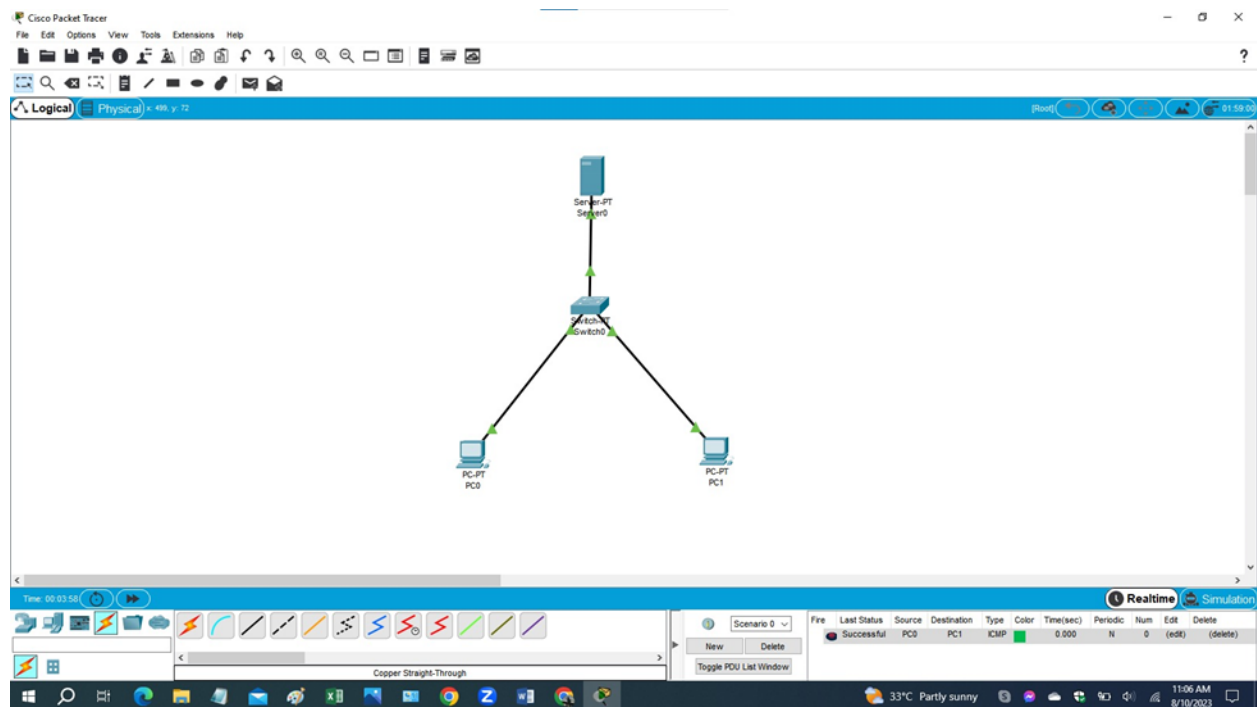




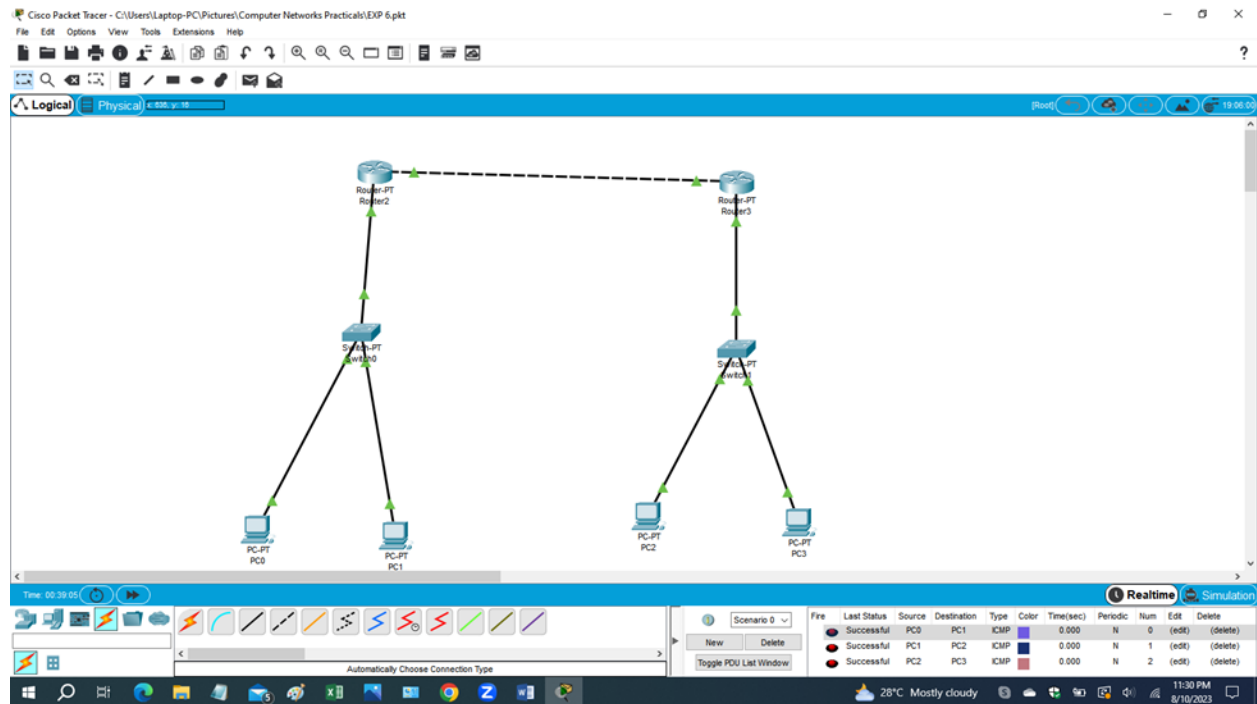
#### 4. Data Link Layer Traffic Simulation using Packet Tracer Analysis of CSMA/CD& CSMA/CA.



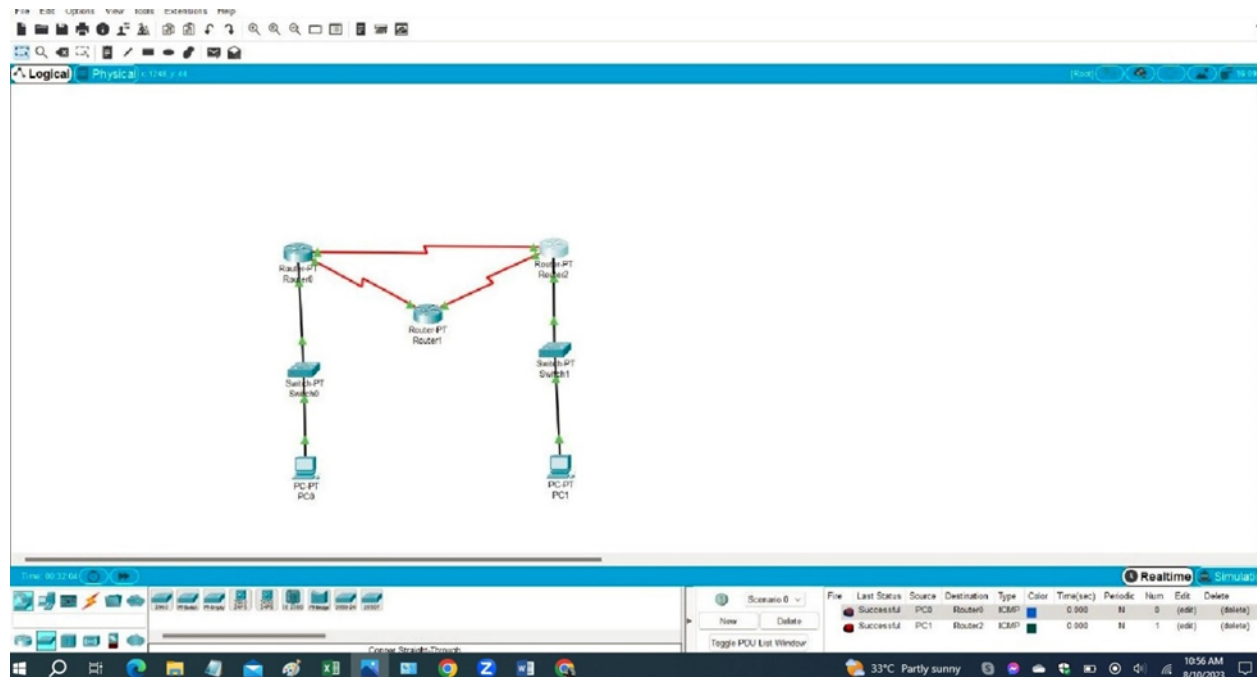
## 5. Data Link Layer Traffic Simulation using Packet Tracer Analysis of ARP .



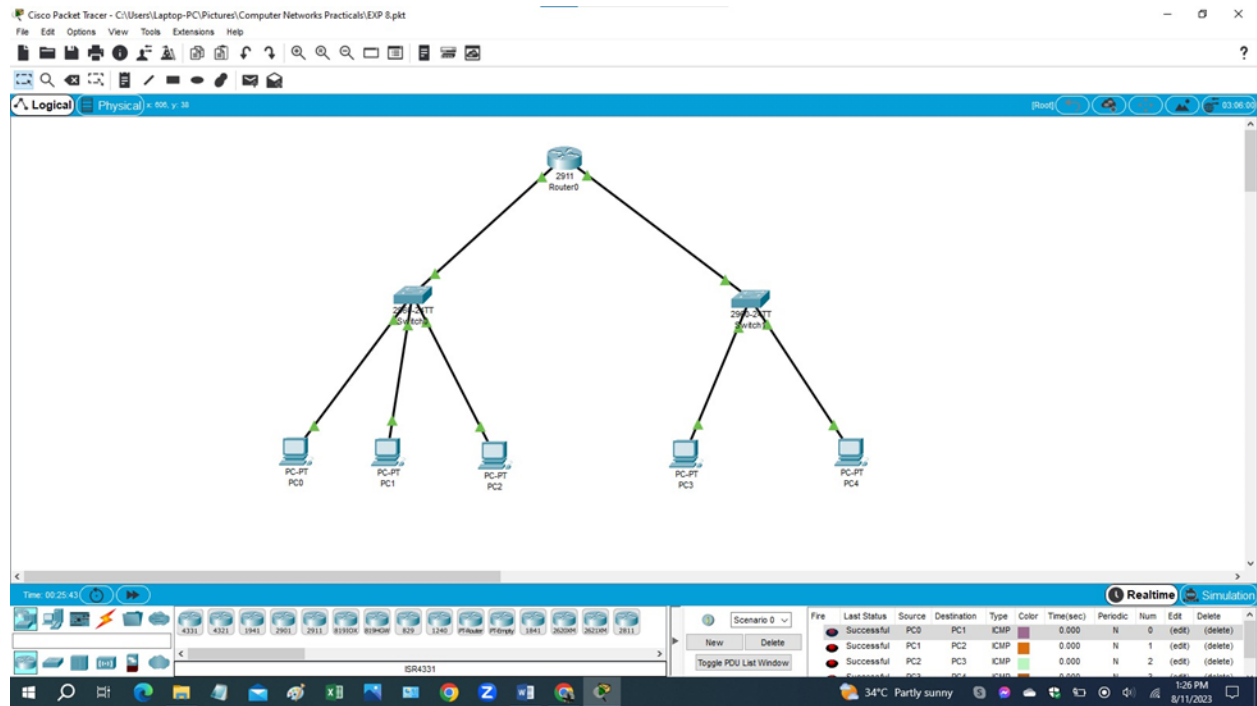
## 6. Static Routing using Packet Tracer.



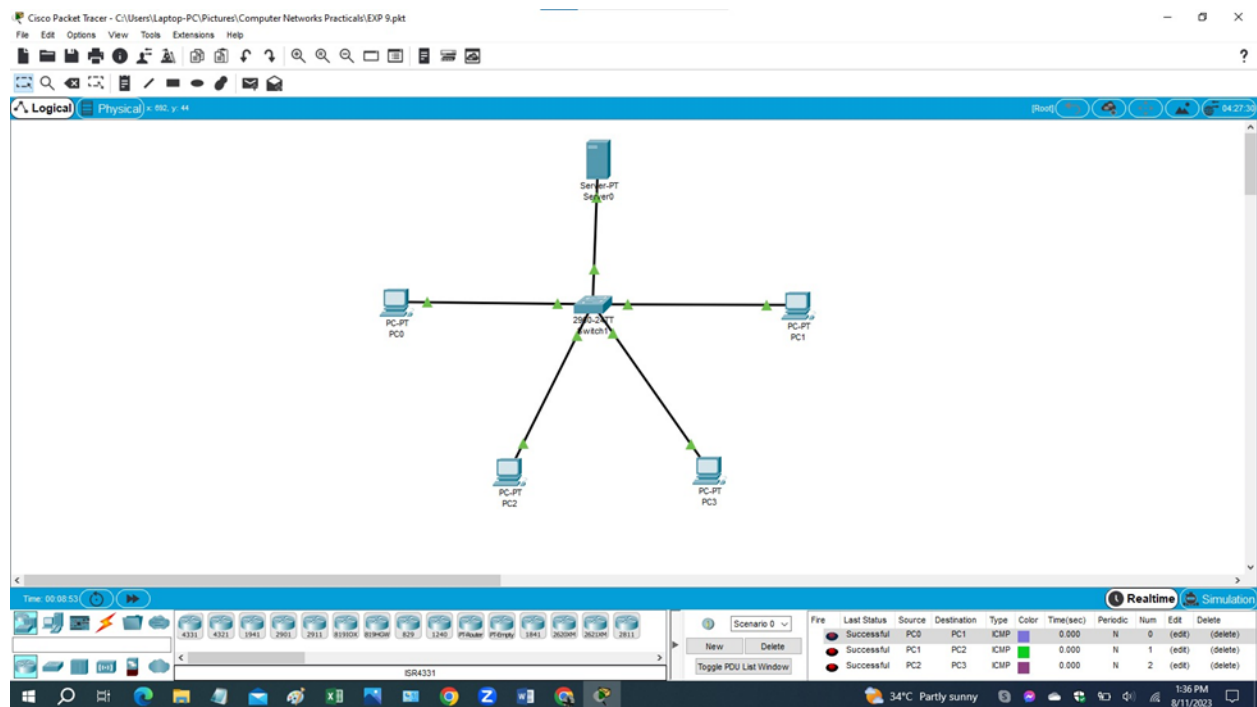
## 7. Dynamic Routing using Packet Tracer ( OSPF).



## 8. Subnetting – Class C Addressing.

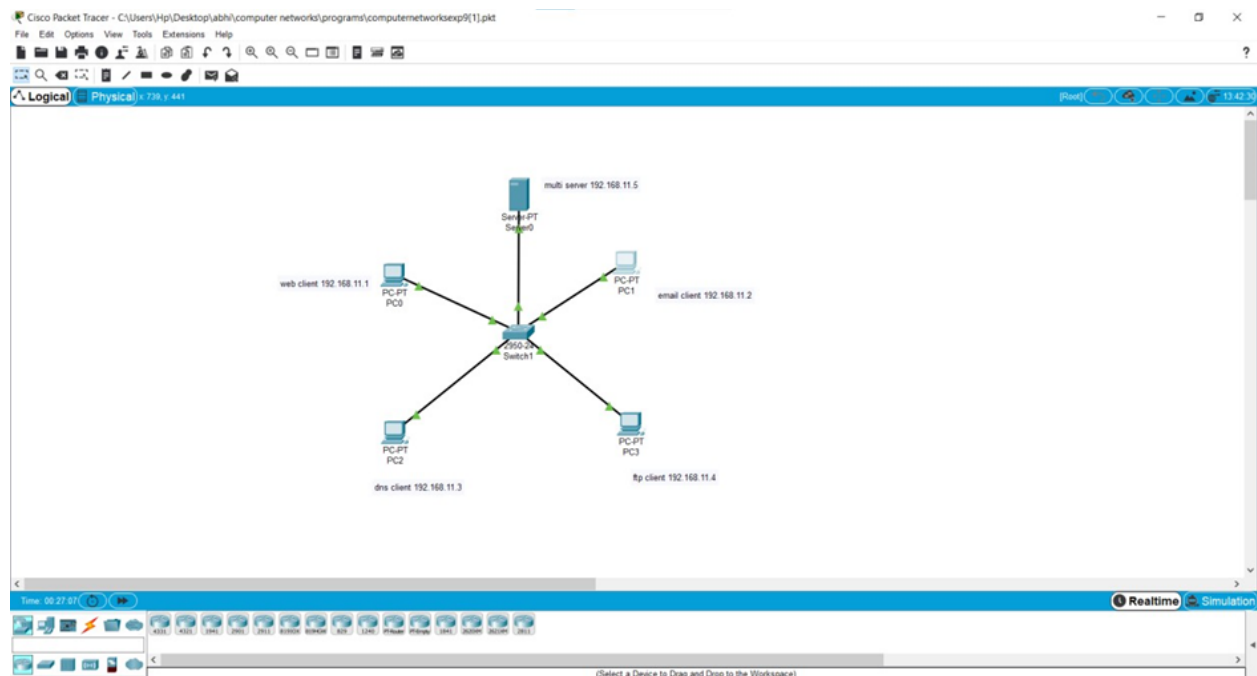


## 9. Functionalities of TCP, UDP.

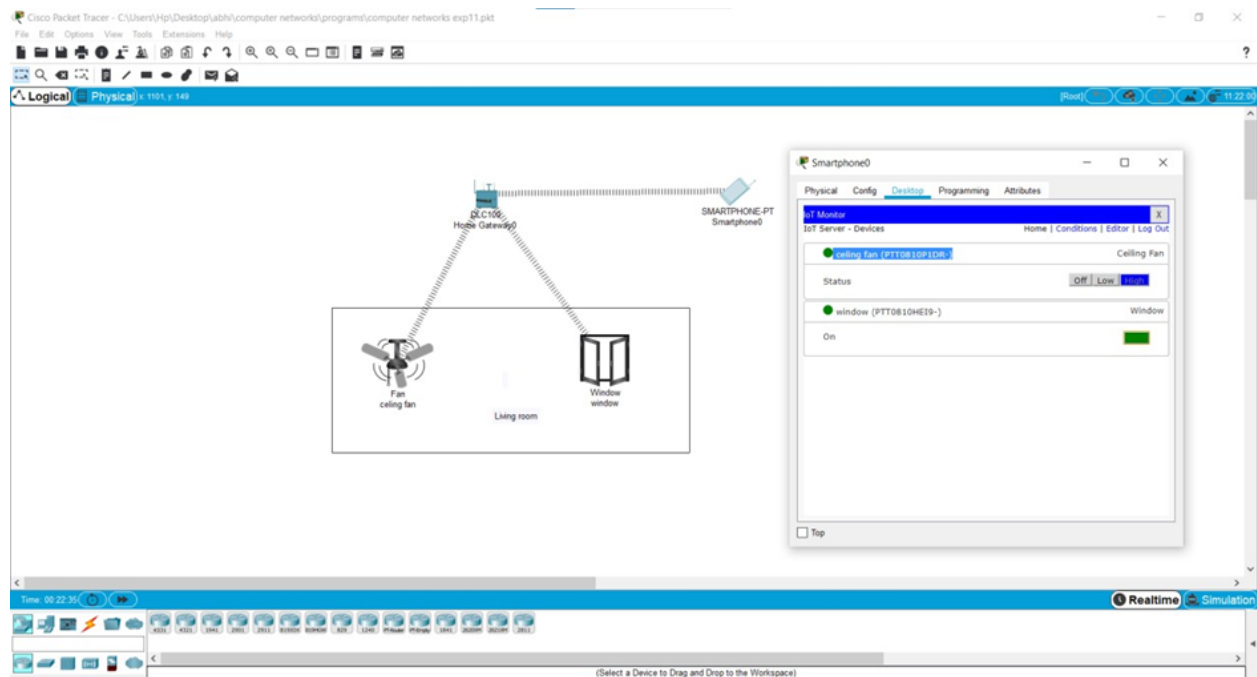


## 10. TCP, UDP Exploration Solution.





## 11. Based Smart Home Using Cisco Packet Tracer.



## 12. Smart Garden in Cisco Packet Tracer.



Cisco Packet Tracer - C:\Users\Hpl\Desktop\labh\computer network\programs\computer networkexp12.pkt

File Edit Options View Tools Extensions Help

Logical Physical 100% v.4.0

Smart-PT Sensor0 192.168.1.10 smartgarden

HomeRouter-PT-AC Wireless Router0

Laptop-PT Laptop0

Lawn Sprinkler sprinkle

Water Level Monitor waterlevel

Laptop0

Physical Config Desktop Programming Attributes

Web Browser

URL: http://192.168.1.10/home.html Go Stop

IoT Server - Devices Home | Conditions | Editor | Log Out

●	sprinkle (PTT08105TT9-)	Lawn Sprinkler
Status	●	
●	waterlevel (PTT0810P411-)	Water Level Monitor
Water Level	10.4 cm	

☐ Tip