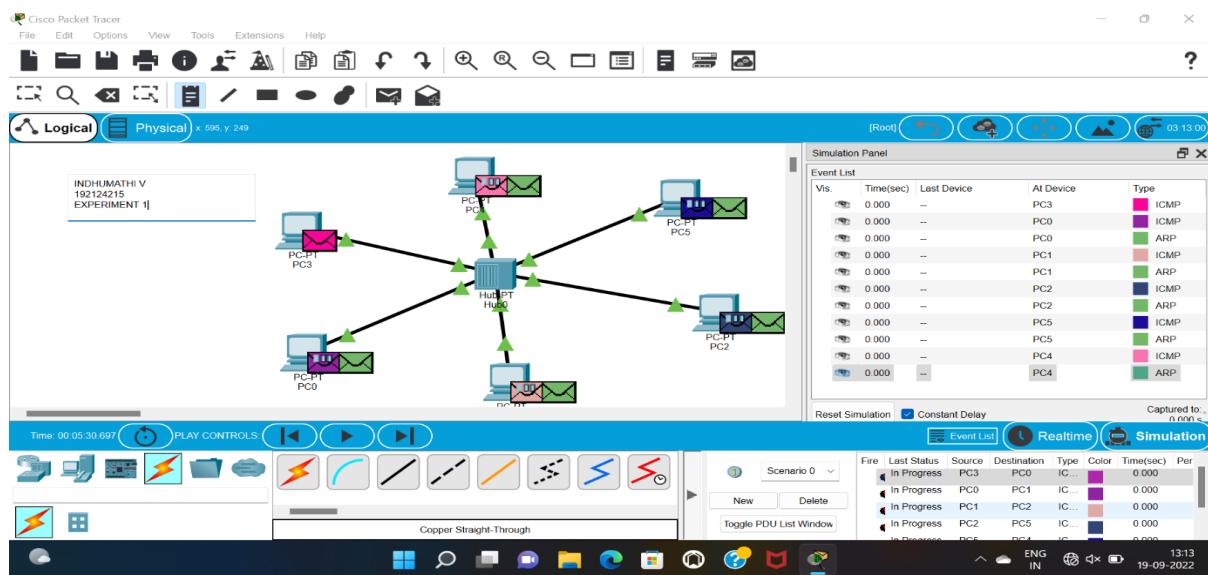


# CSA0718-COMPUTER NETWORKS

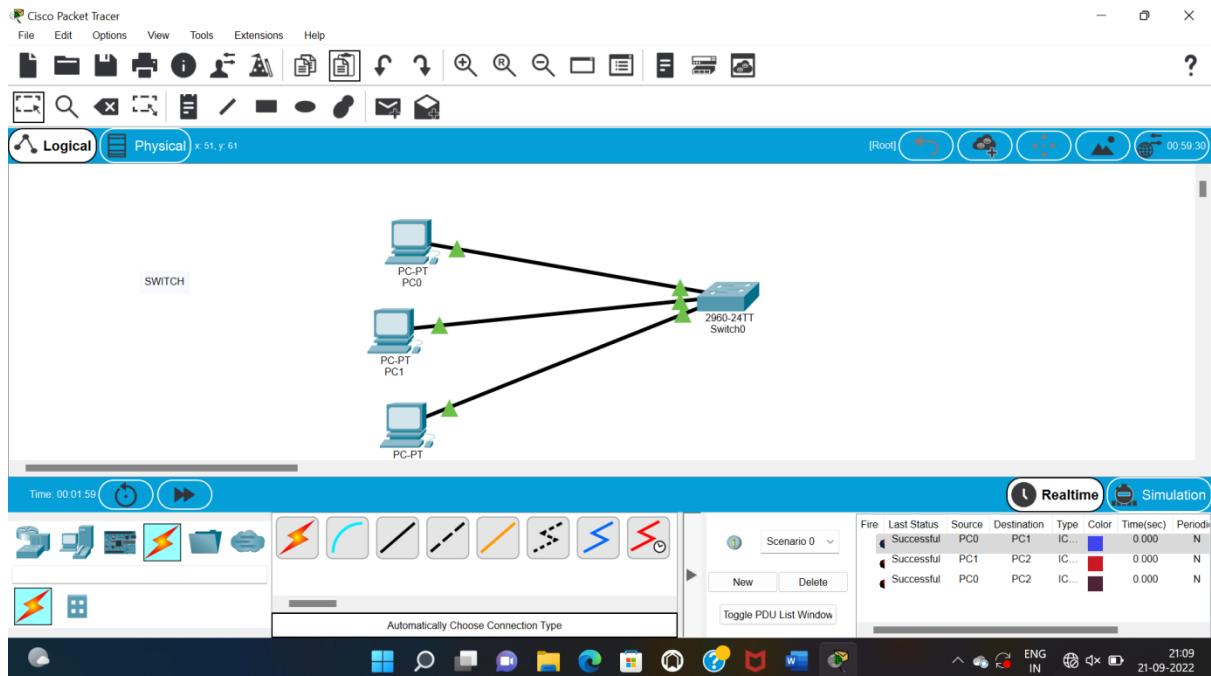
## EXPERIMENT -1

### NETWORK DEVICES

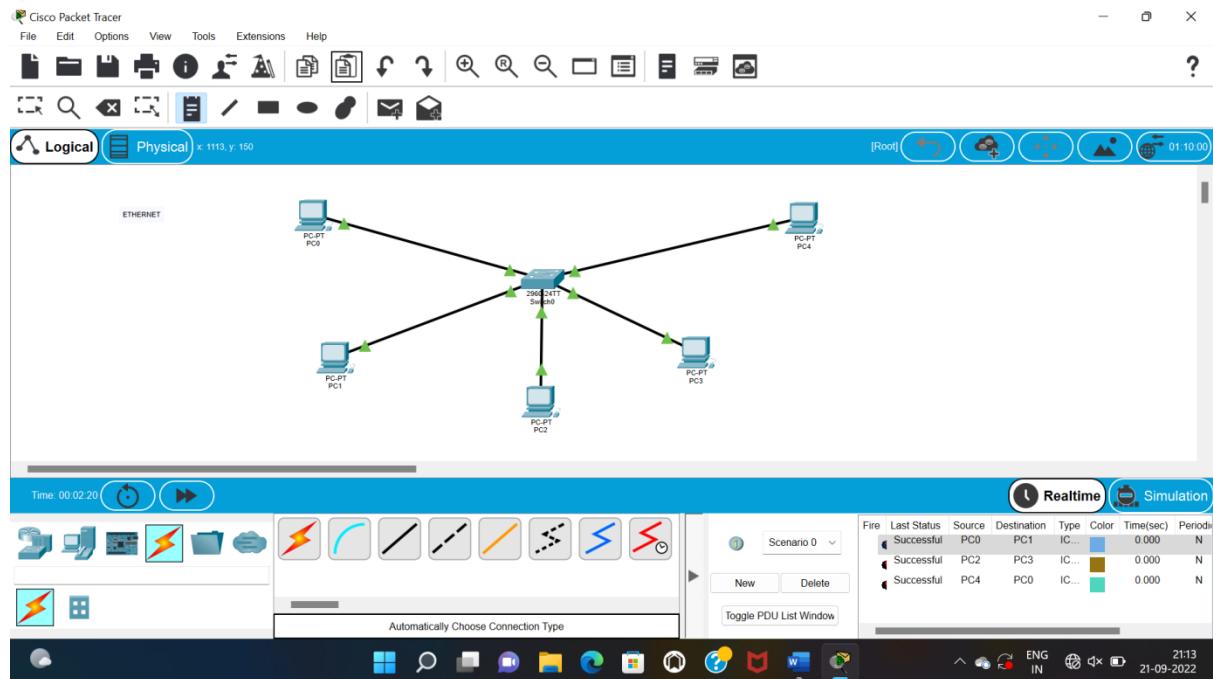
#### A.HUB



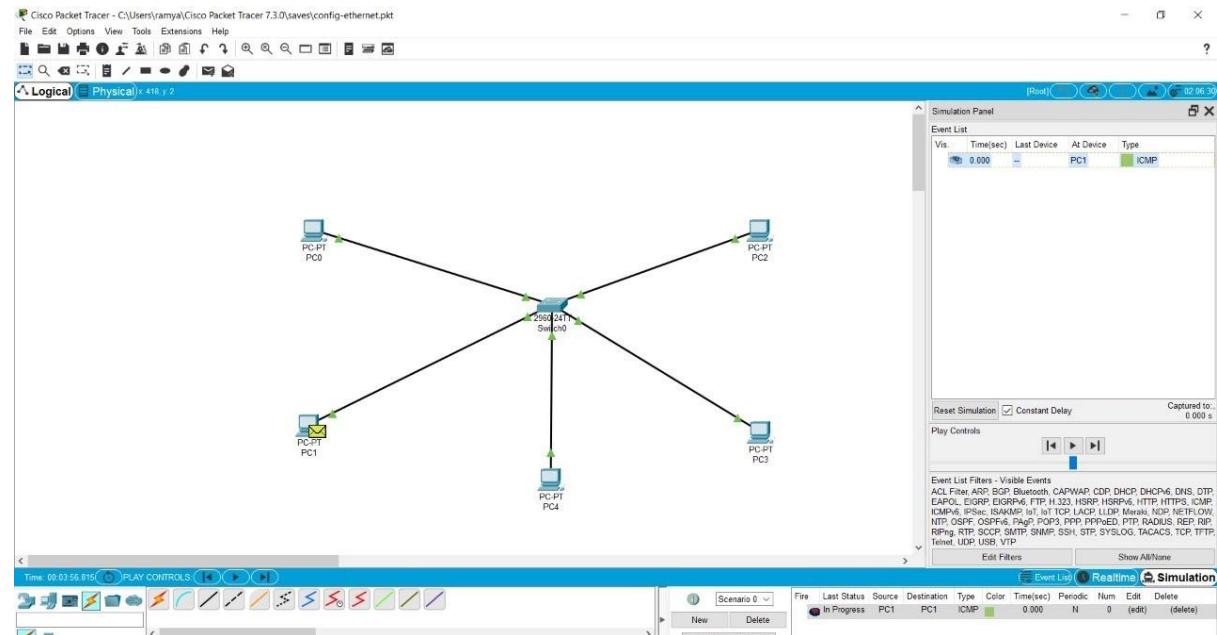
#### B.SWITCH



## C.ETHERNET



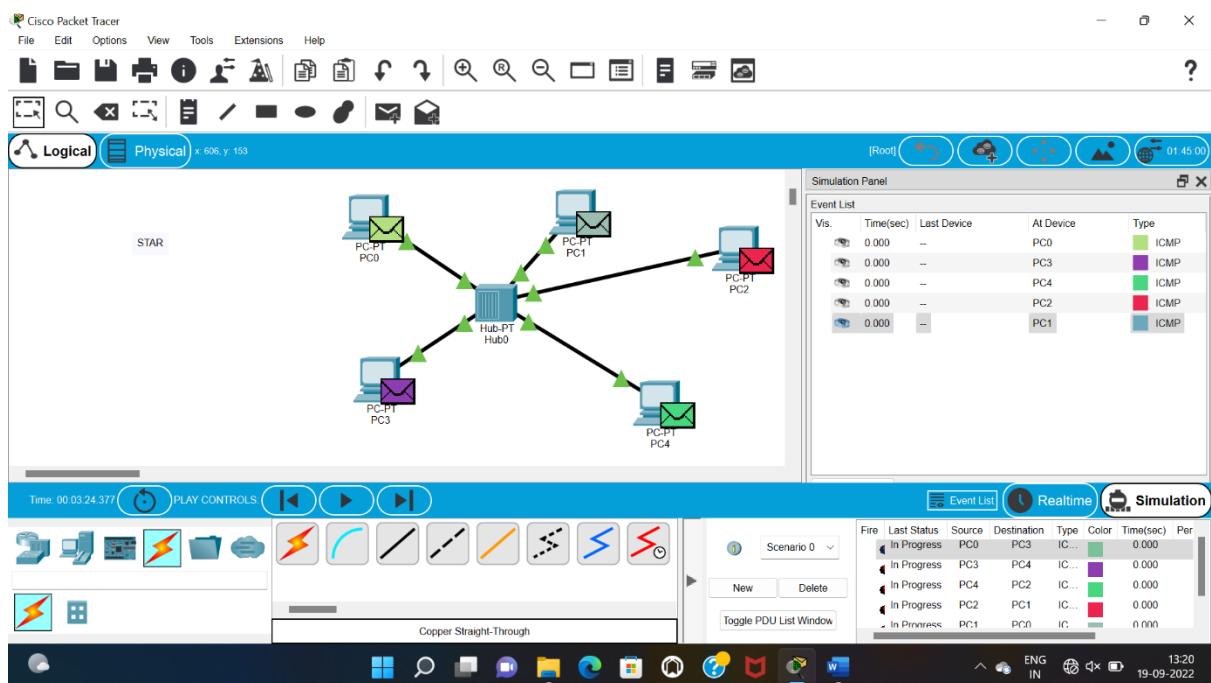
## D.BROADCAST



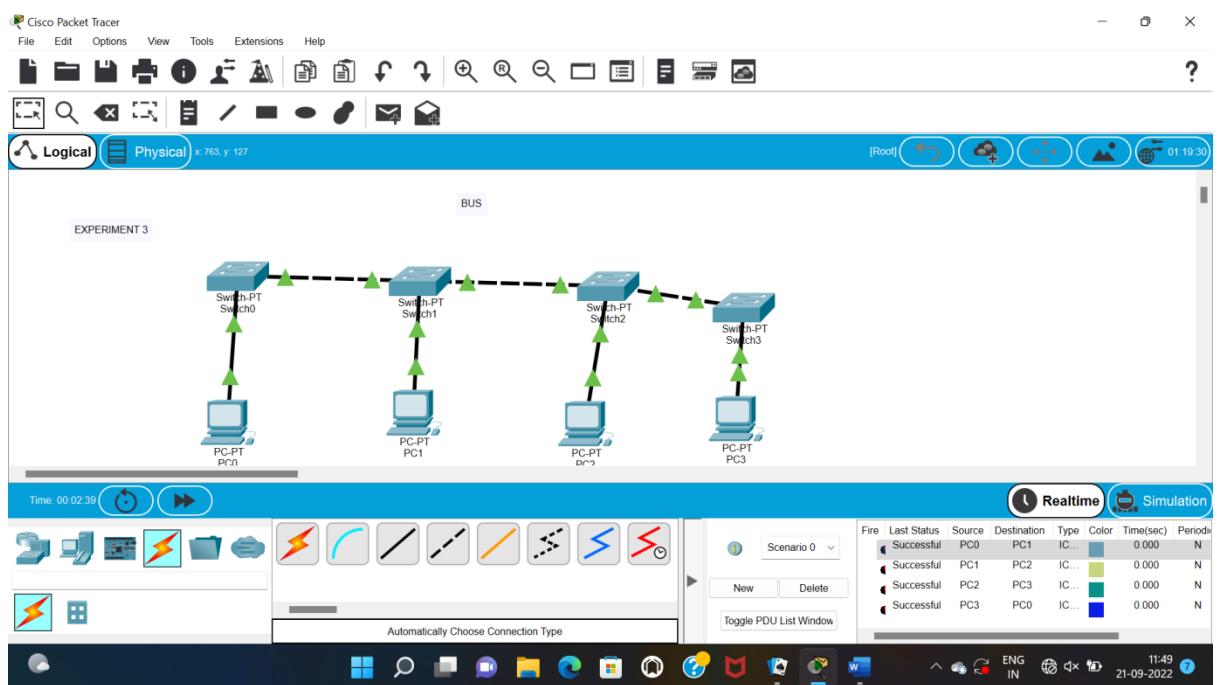
## **EXPERIMENT -2**

# **CONFIGURATION OF TOPOLOGYS**

### **A) STAR TOPOLOGY**



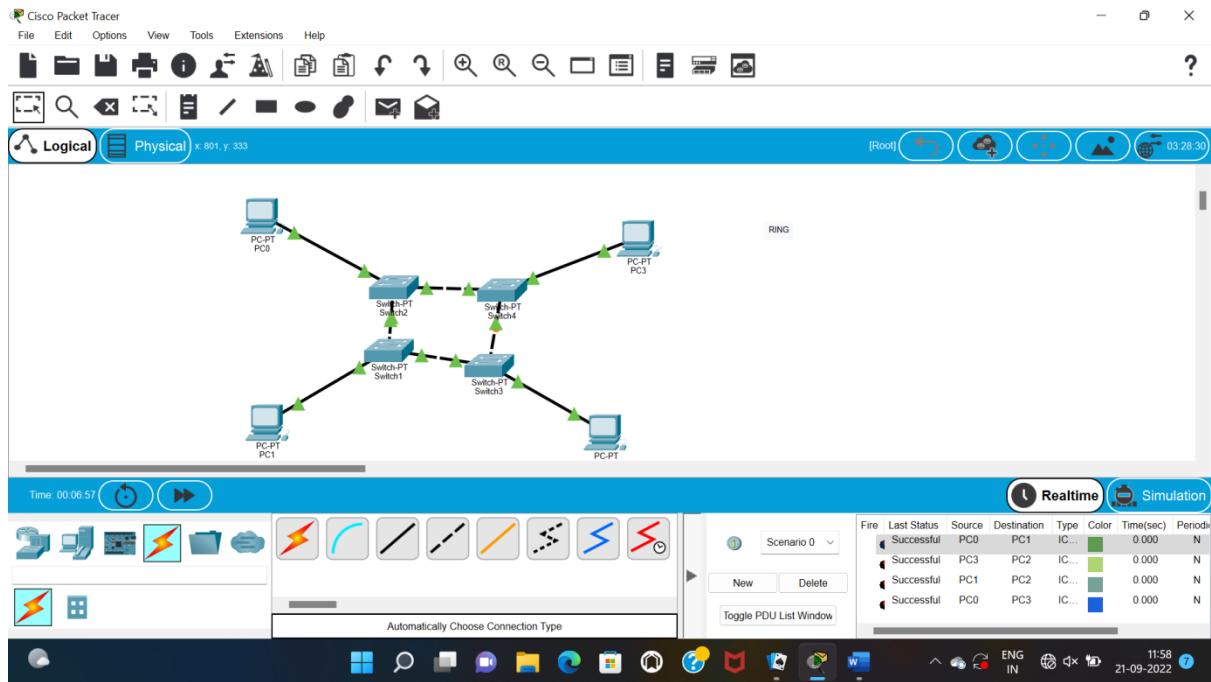
### **B) BUS TOPOLOGY**



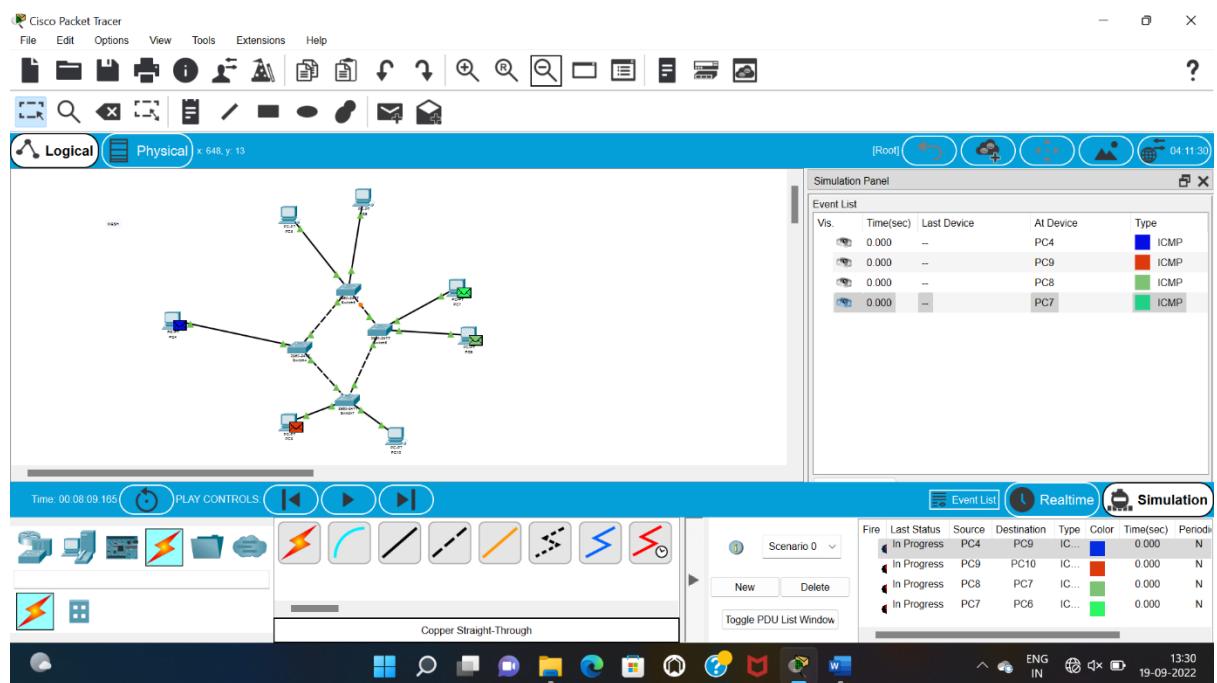
## **EXPERIMENT 3**

# **CONFIGURATION OF TOPOLOGY**

### **A) RING TOPOLOGY**



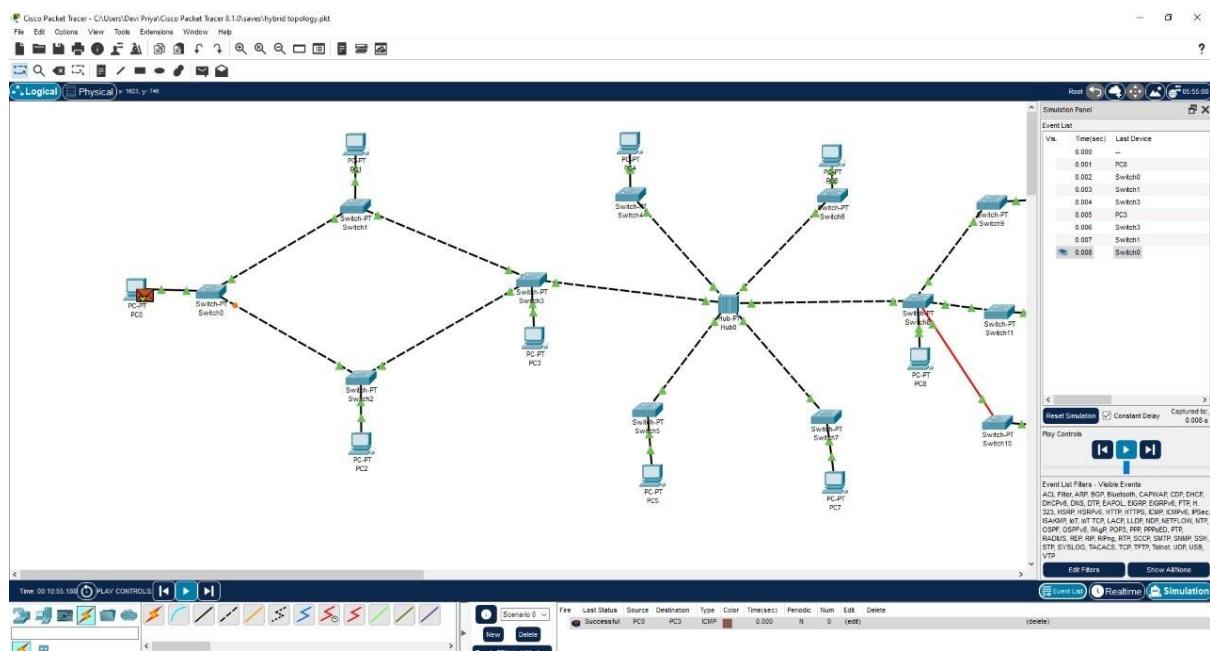
### **B) MESH TOPOLOGY**



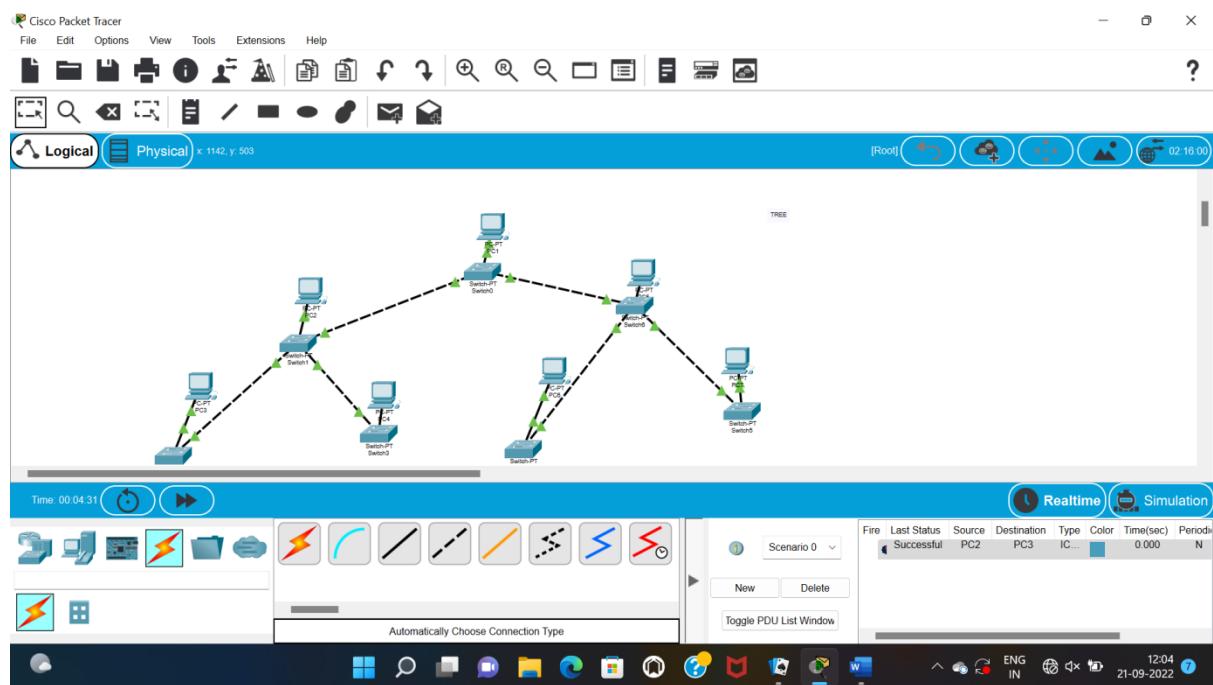
## EXPERIMENT 4

# CONFIGURATION OF TOPOLOGY

### A) HYBRID TOPOLOGY

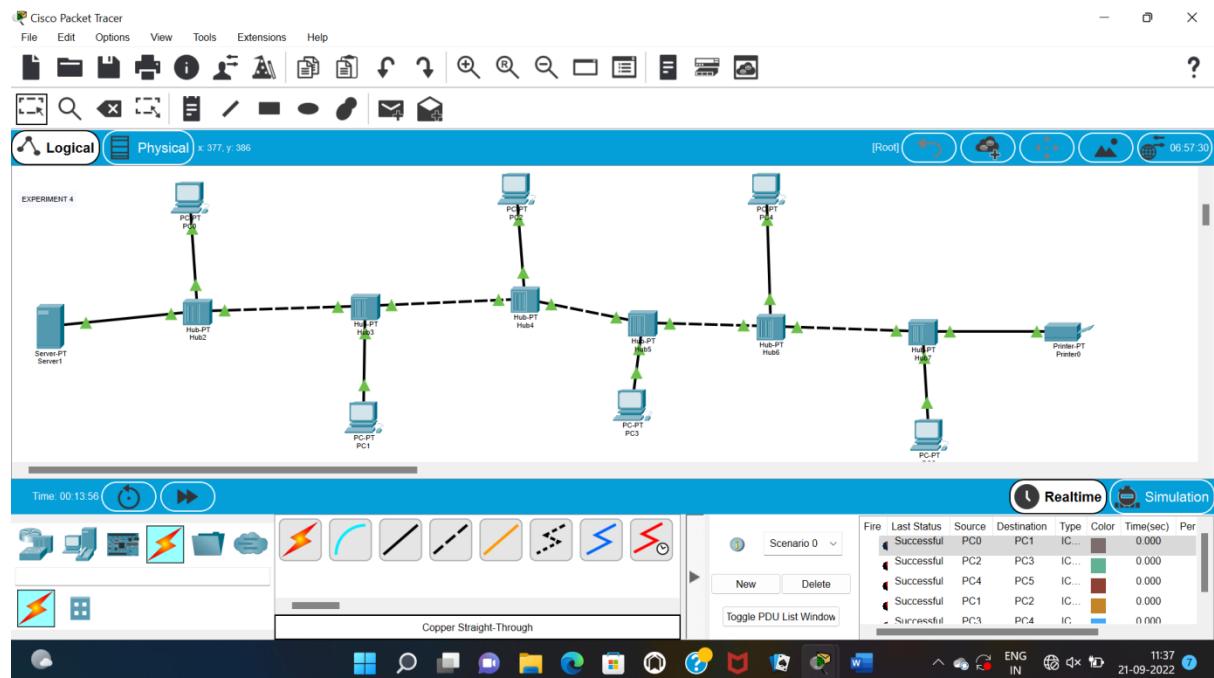


### B. TREE TOPOLOGY



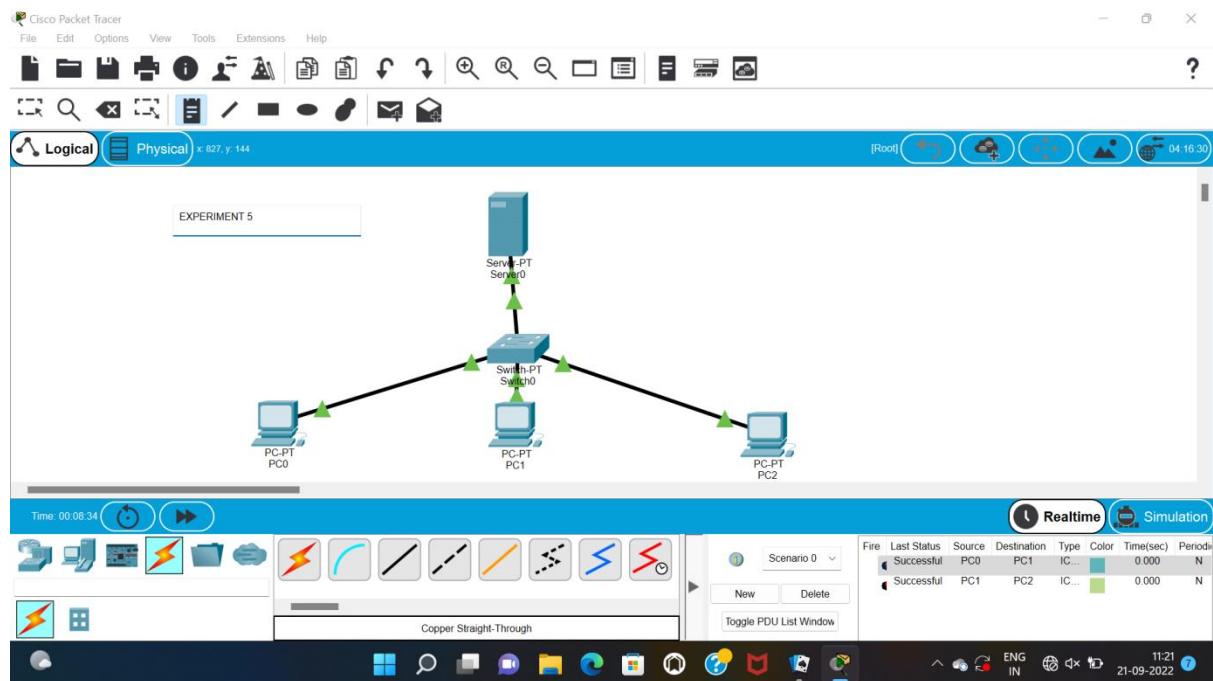
## **EXPERIMENT 5**

### **CASM/CD & CSMA/CA**



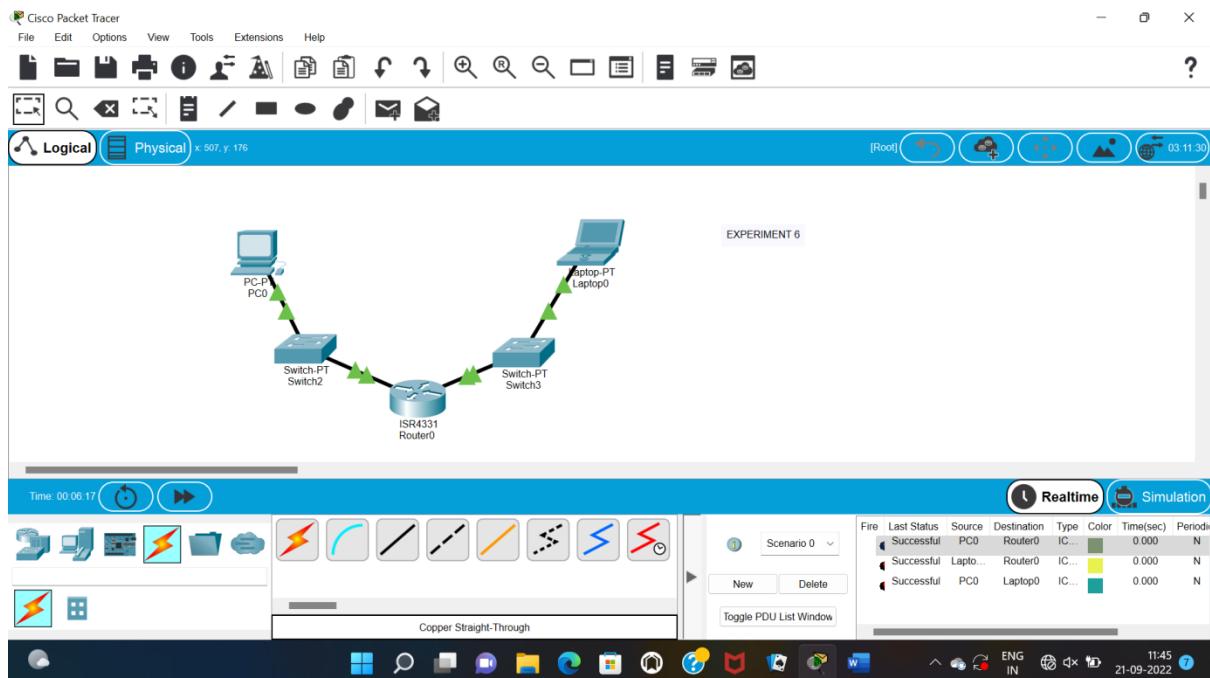
## **EXPERIMENT 6**

# **DATA LINK LAYER TRAFFIC SIMULATION USING PACKET TRACKER ANALYSIS OF APR**



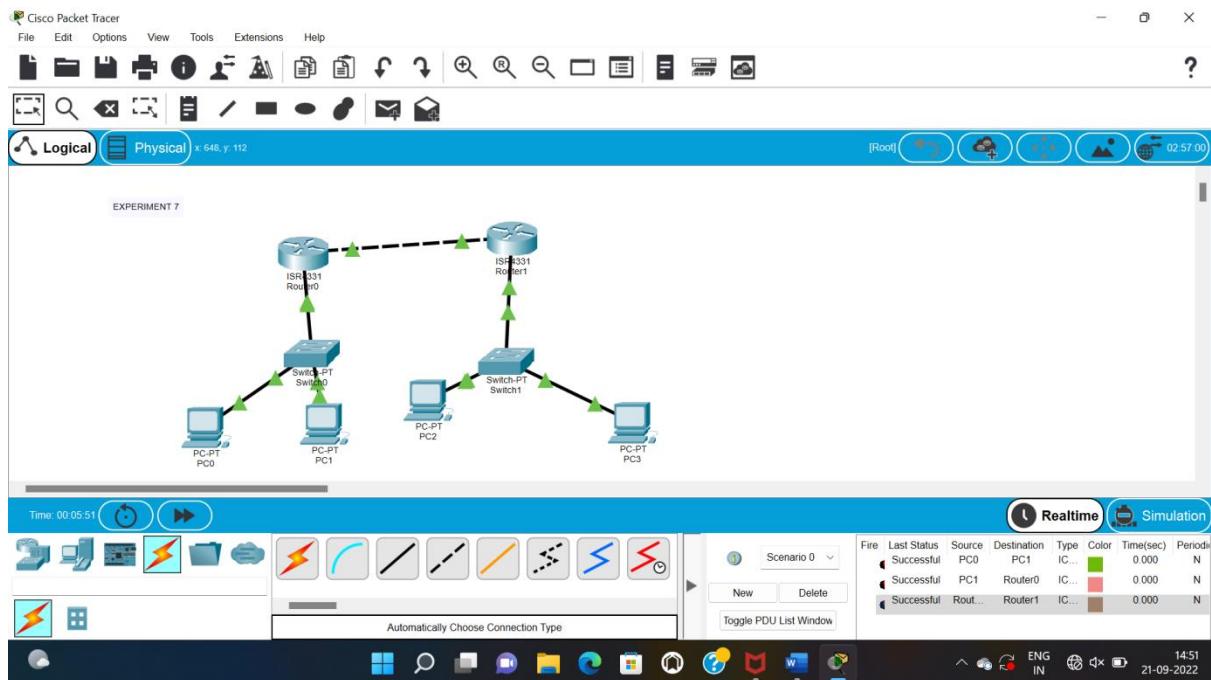
## **EXPERIMENT 7**

# **STATIC ROUTING USING PACKET TRACER**



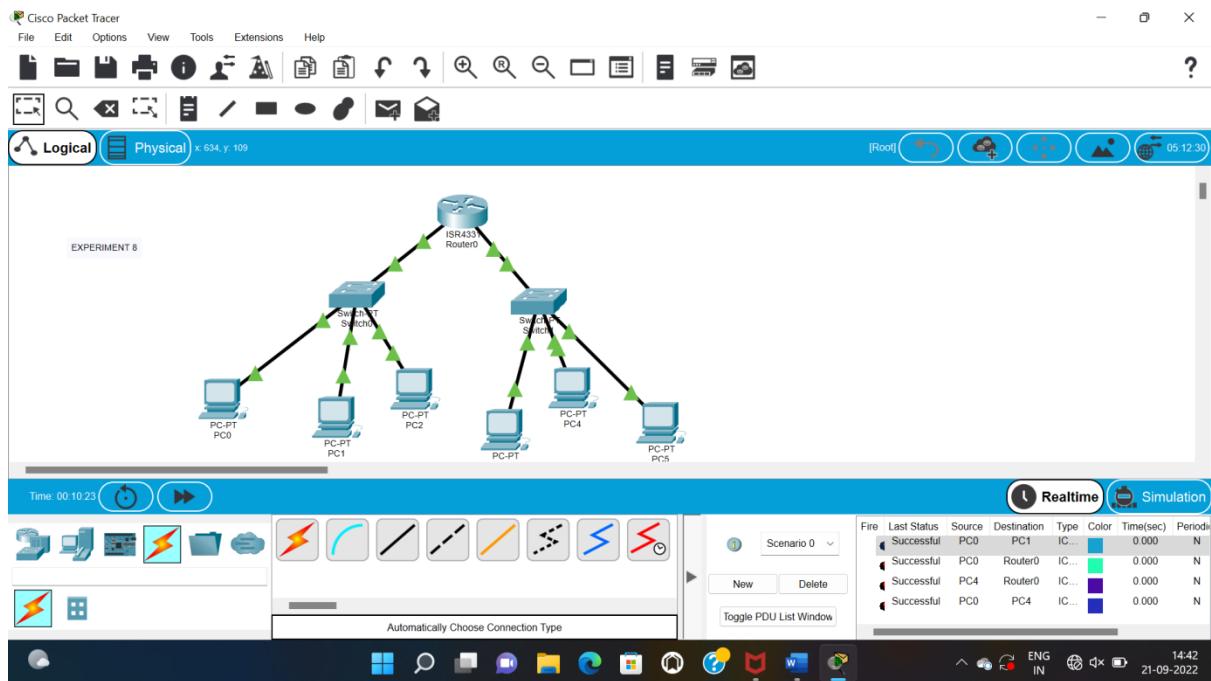
## **EXPERIMENT 8**

# **DYNAMIC ROUTING USING PACKET TRACER(OSPF)**



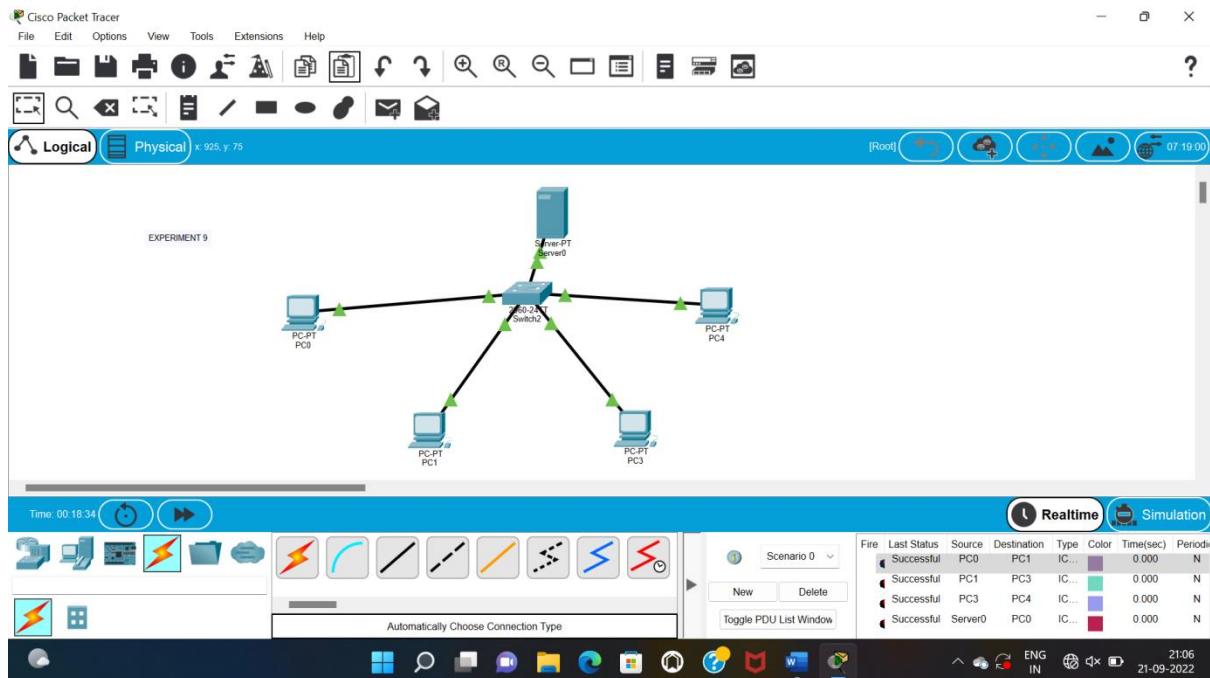
## **EXPERIMENT 9**

# **SUBNETTING-CLASS C ADDRESSING**

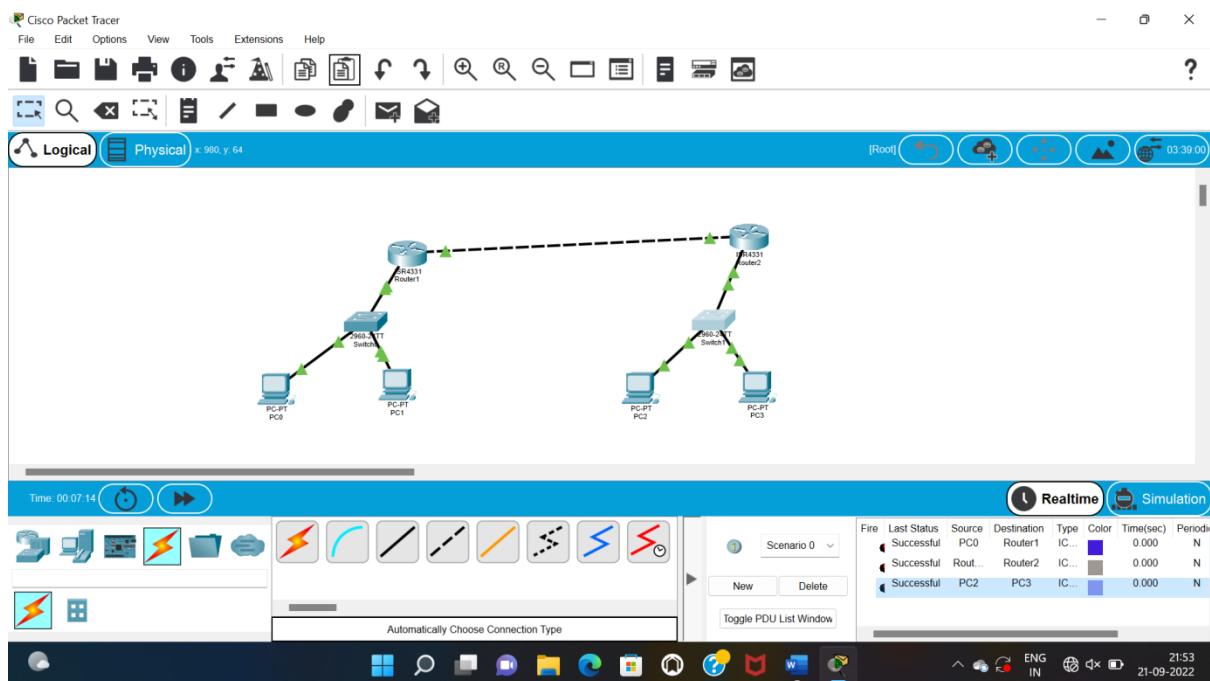


## EXPERIMENT 10

### A) FUNCTIONS OF UDP

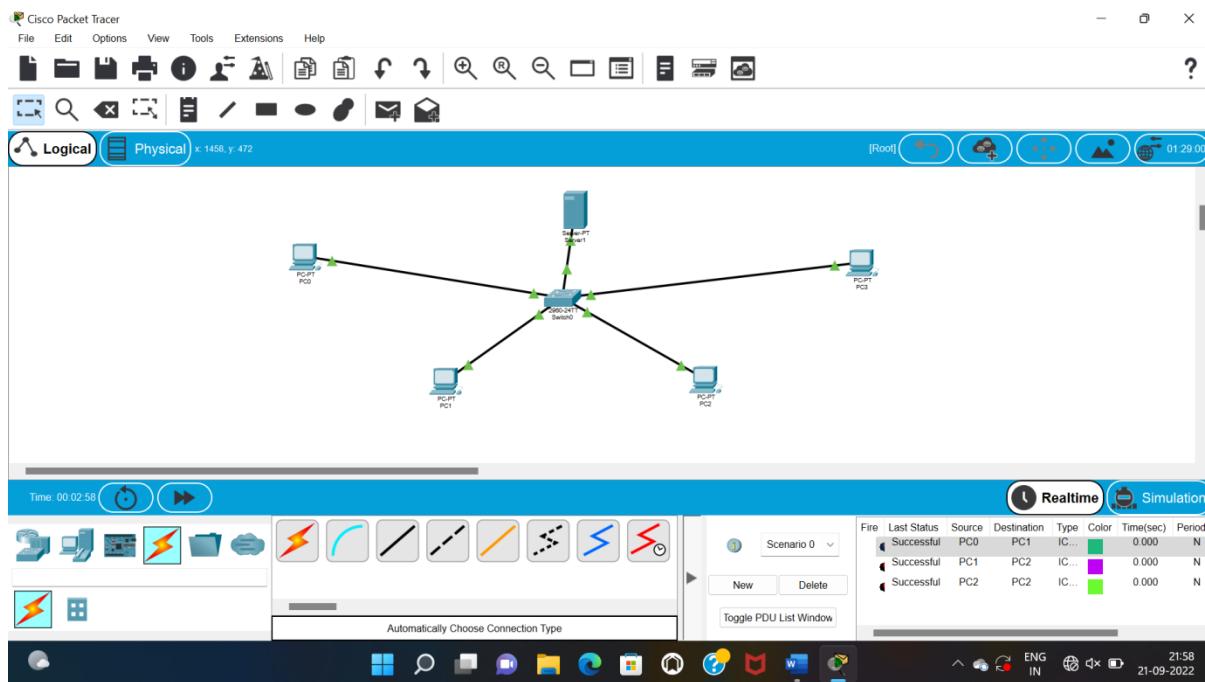


### B) FUNCTIONS OF TCP

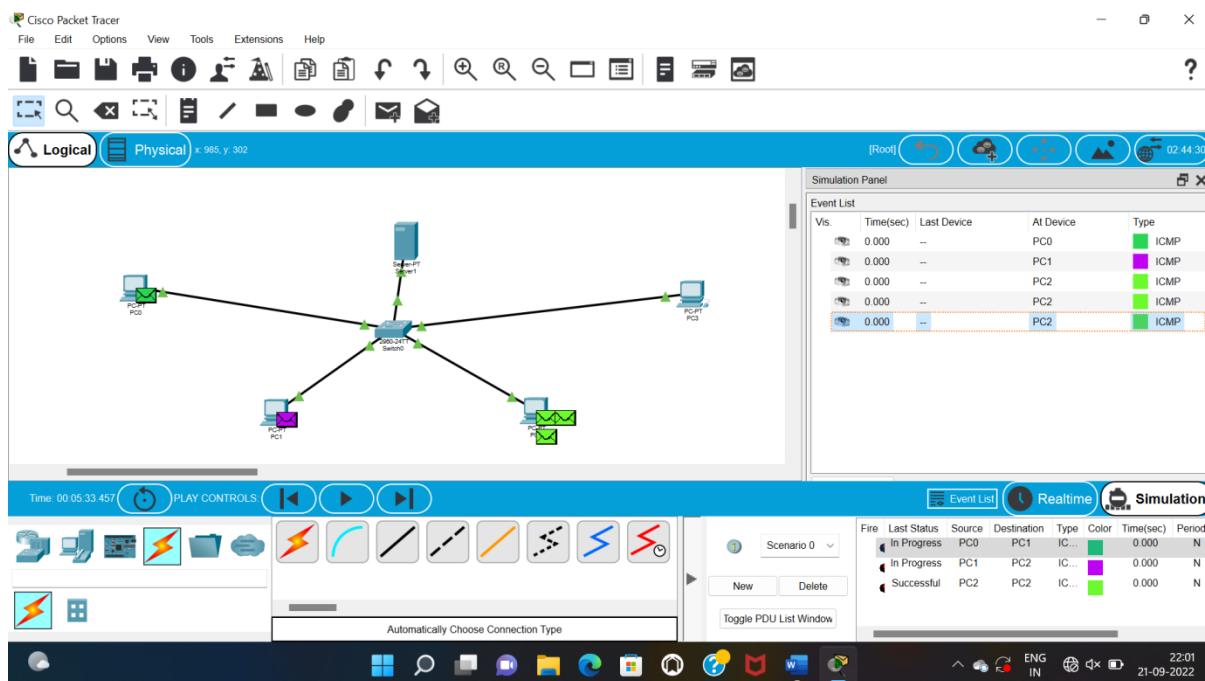


## **EXPERIMENT 11**

### **A) TCP EXPLORATION SOLUTION**

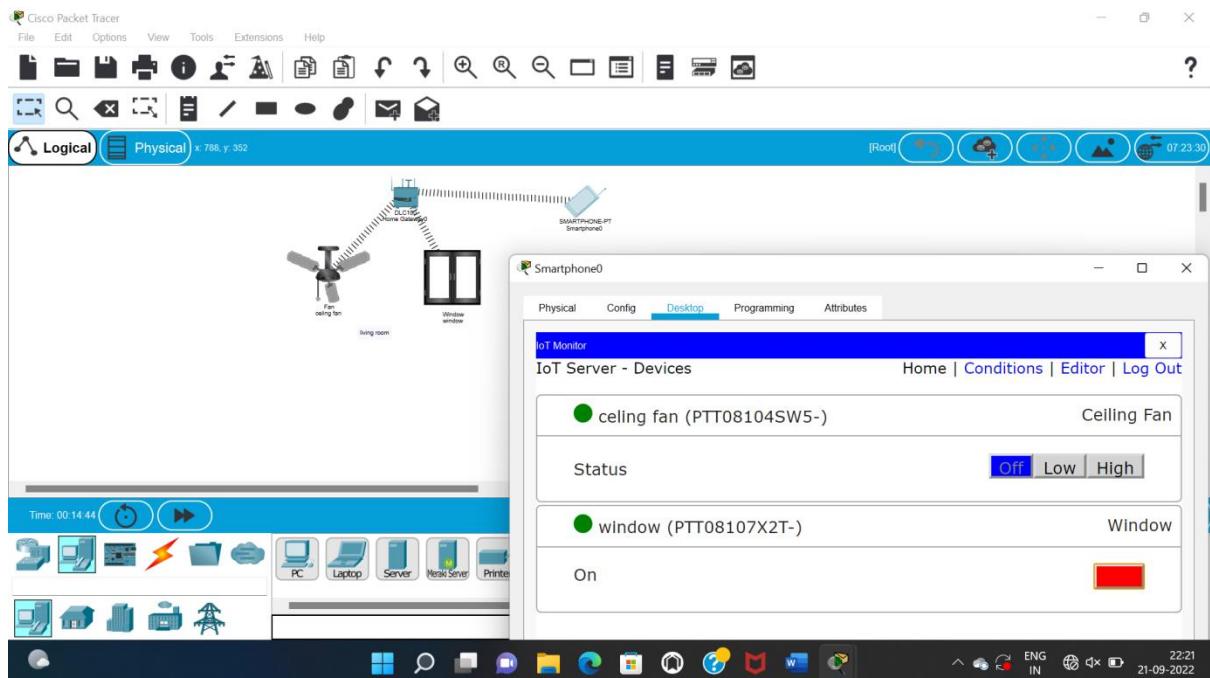


### **B) UDP EXPLORATION SOLUTION**



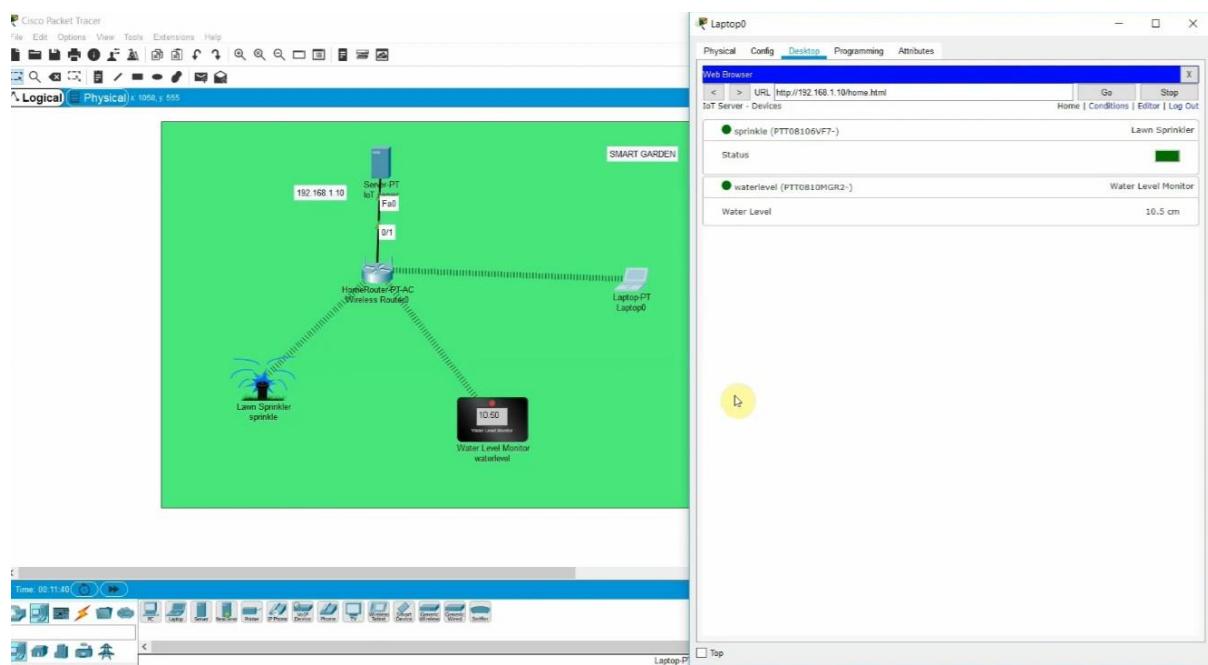
## EXPERIMENT 12

# IOT BASED SMART HOME USING CISCO PACKET TRACKER



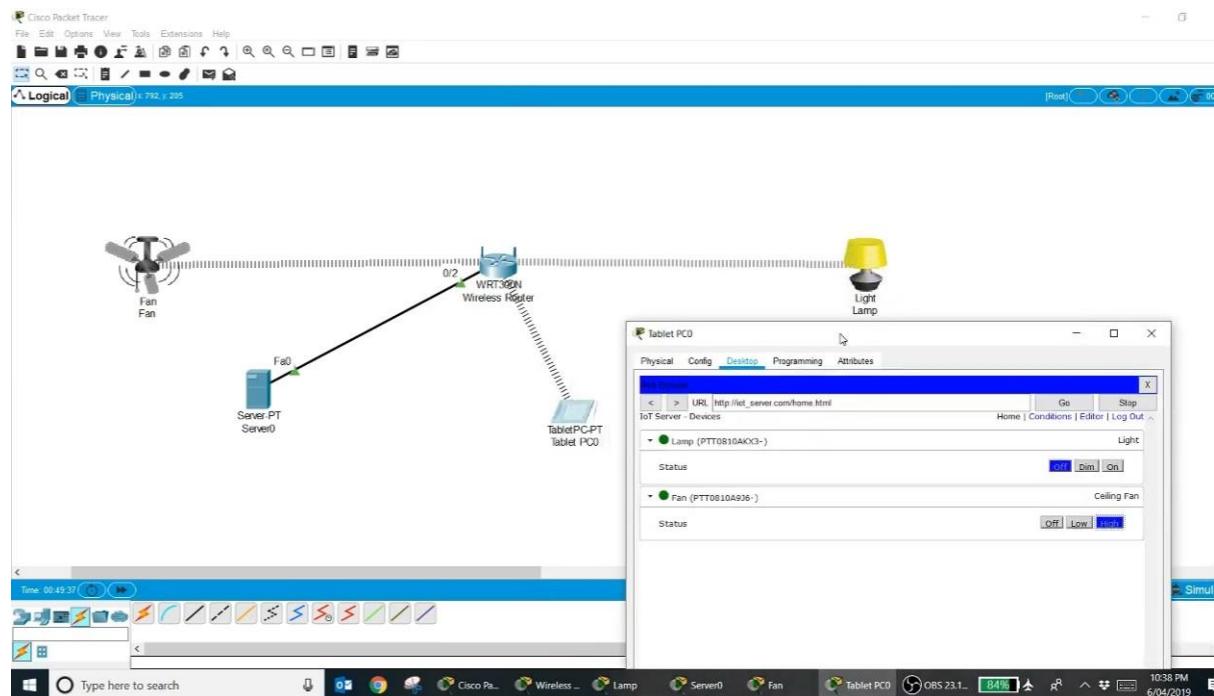
## **EXPERIMENT 13**

# **SMART GARDEN IN CISCO PACKET TRACKER**



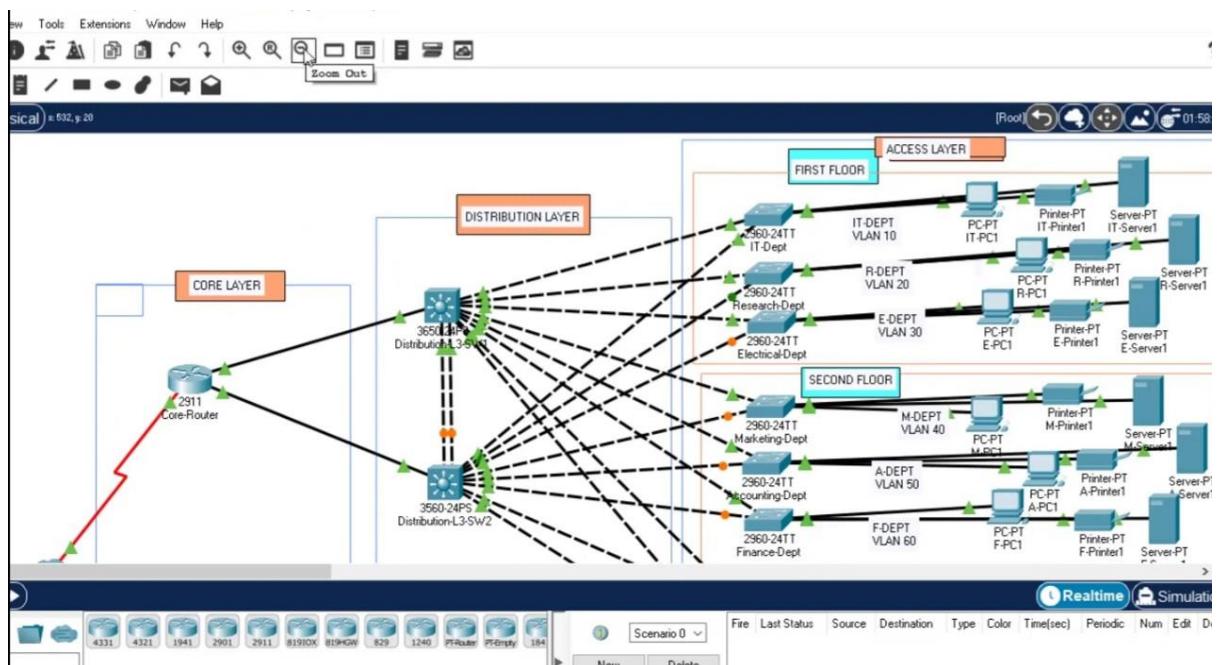
## **Experiment 14**

# **IOT DEVICES IN NETWORKING USING CISCO PACKET TRACKER**



## EXPERIMENT 15

# SIMULATING X,Y,Z COMPANY NETWORK DESIGN



## EXPERIMENT 16

# COMPUTER LAB IN CISCO PACKET TRACKER

