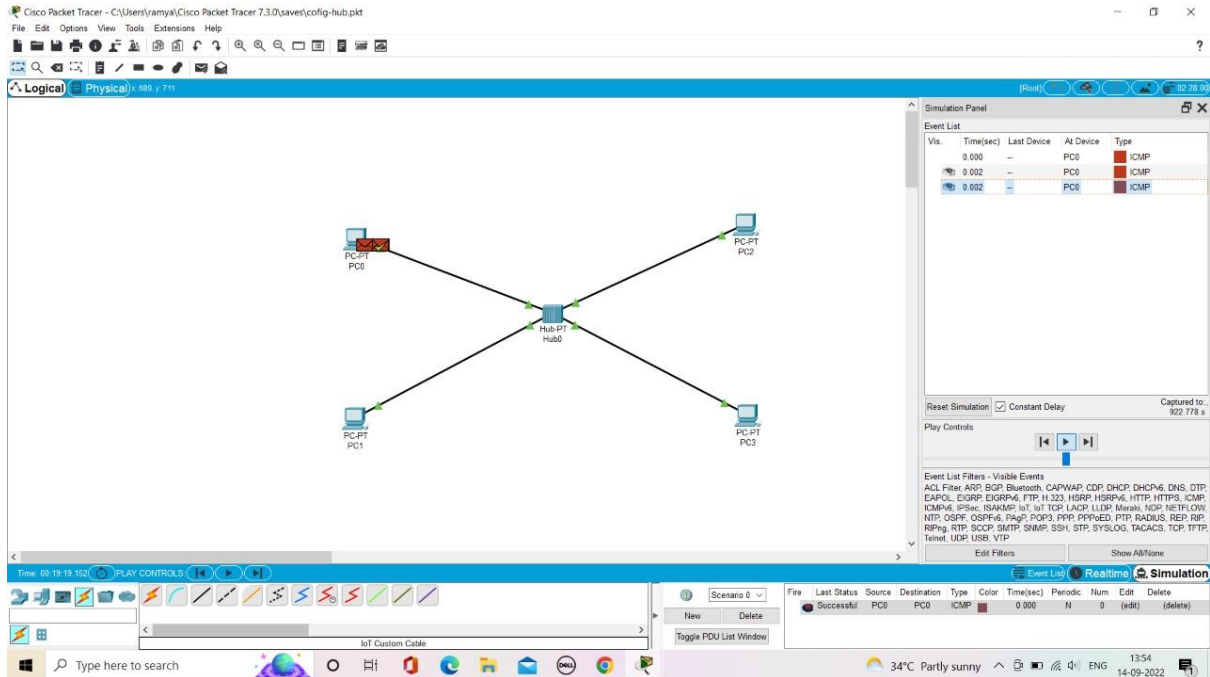


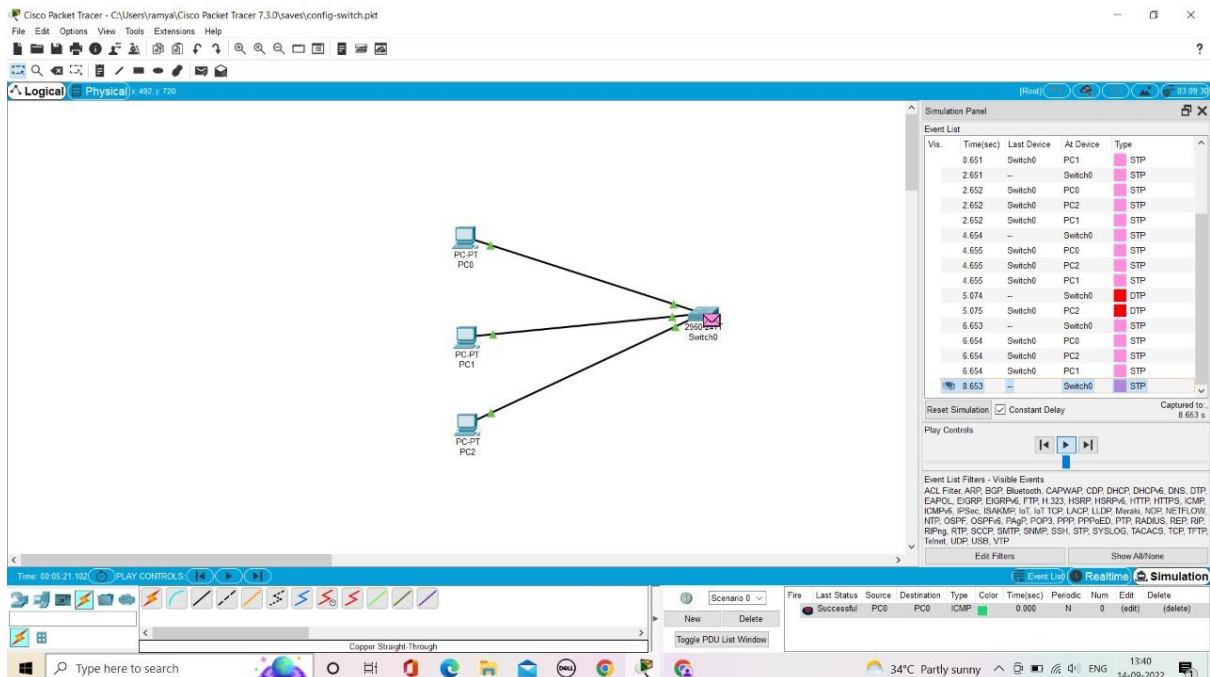
COMPUTER NETWORKS

V.abishek(192111207)

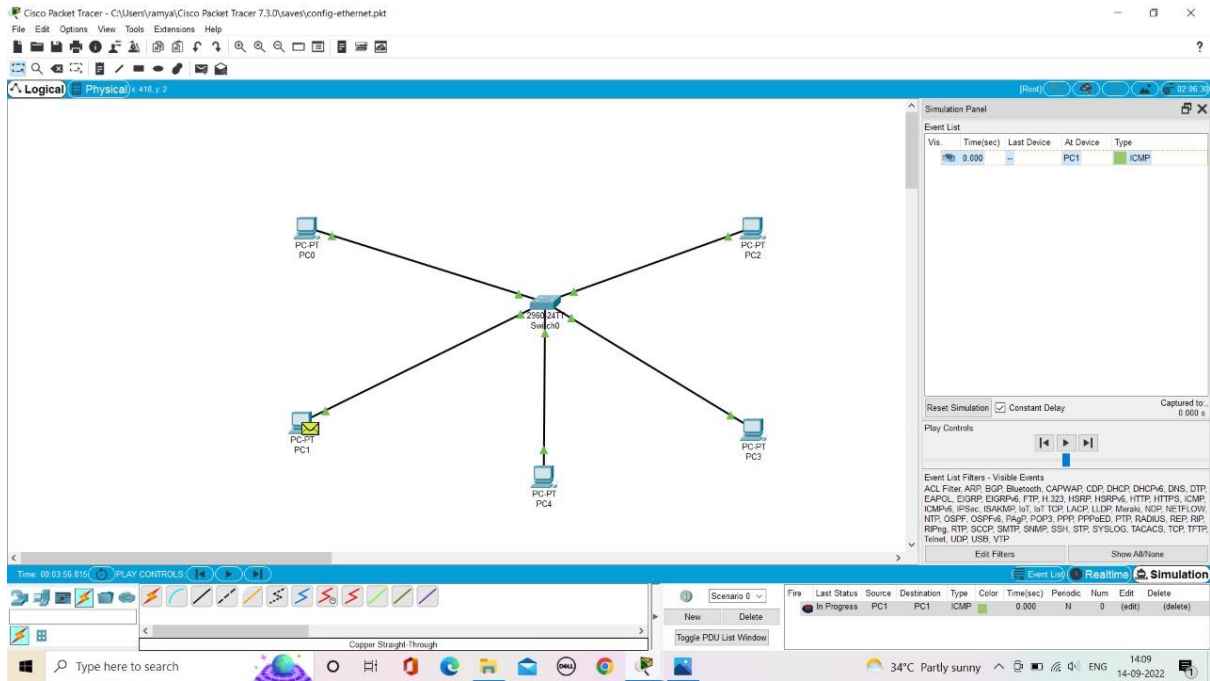
1A.HUB:



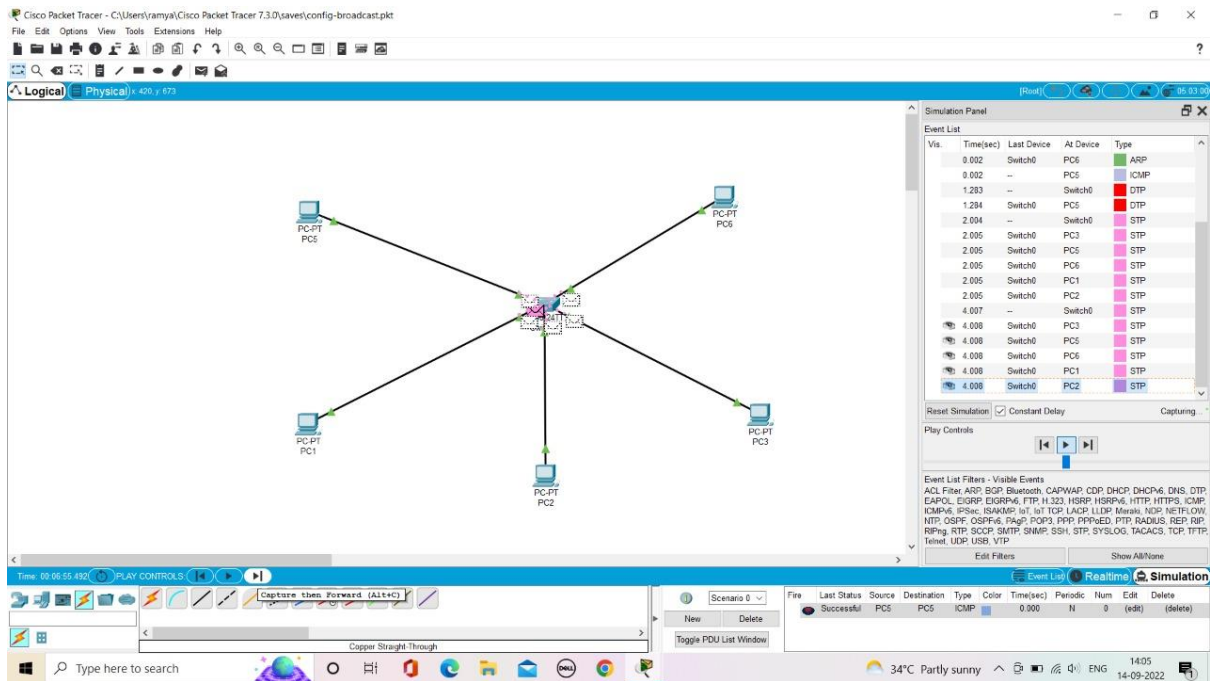
1B.SWITCH:



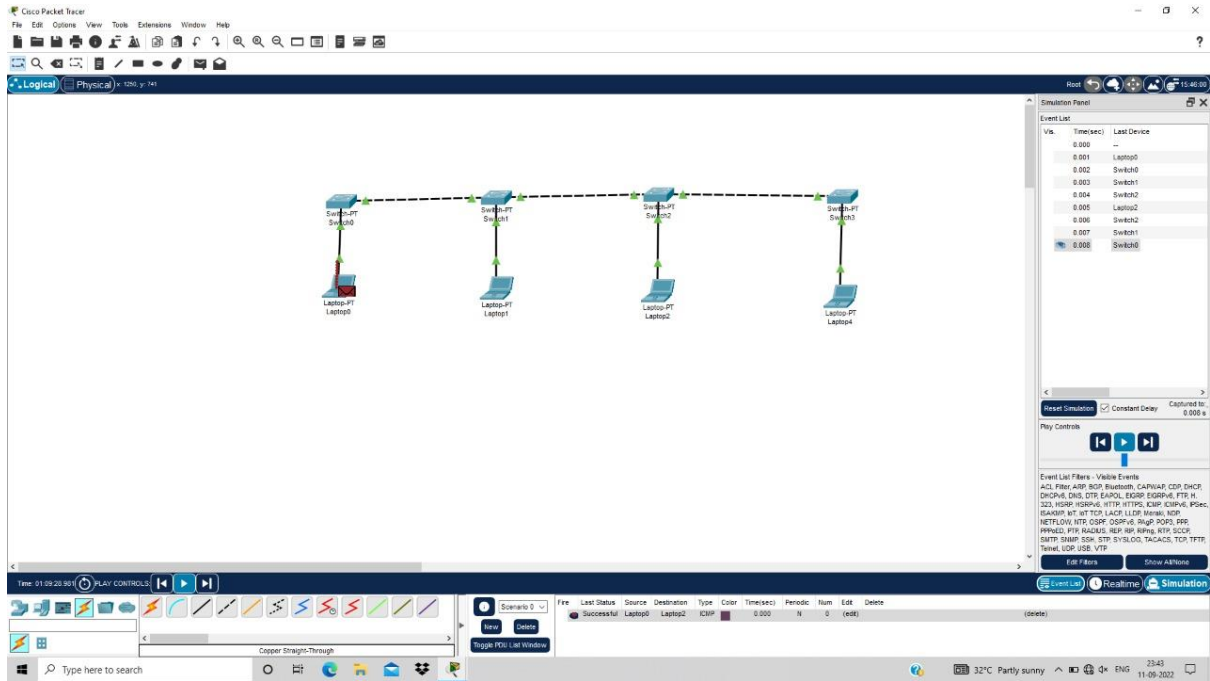
1C.ETHERNET:



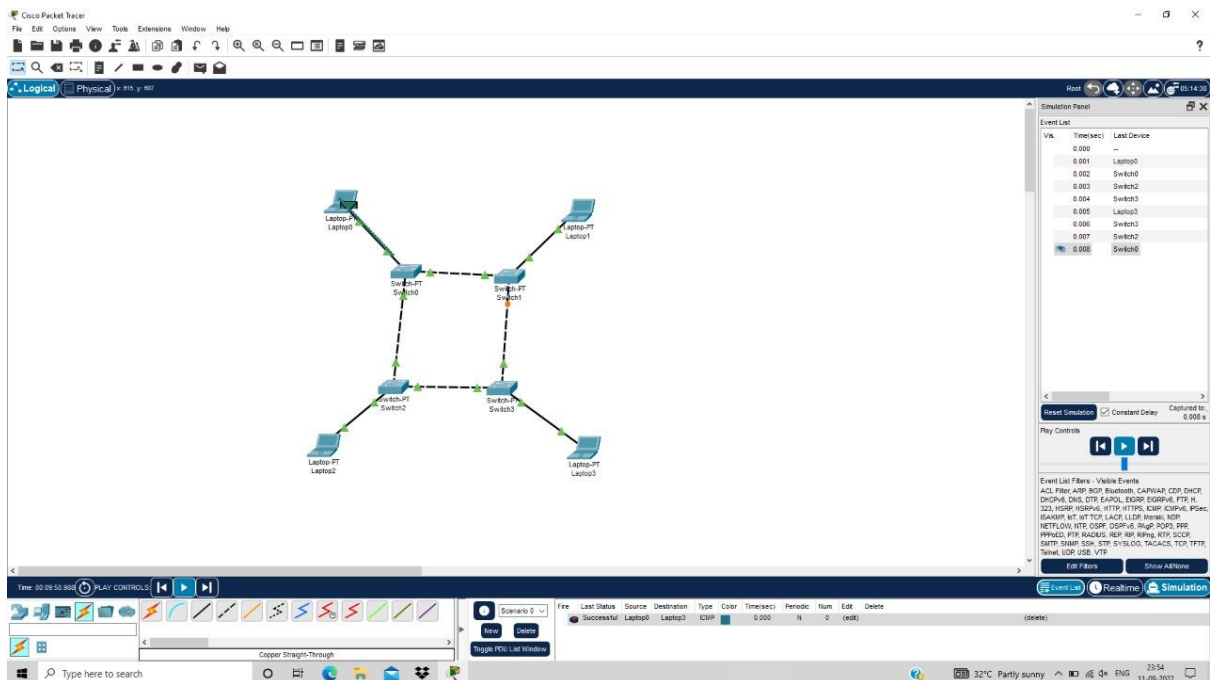
1D.BROADCAST:



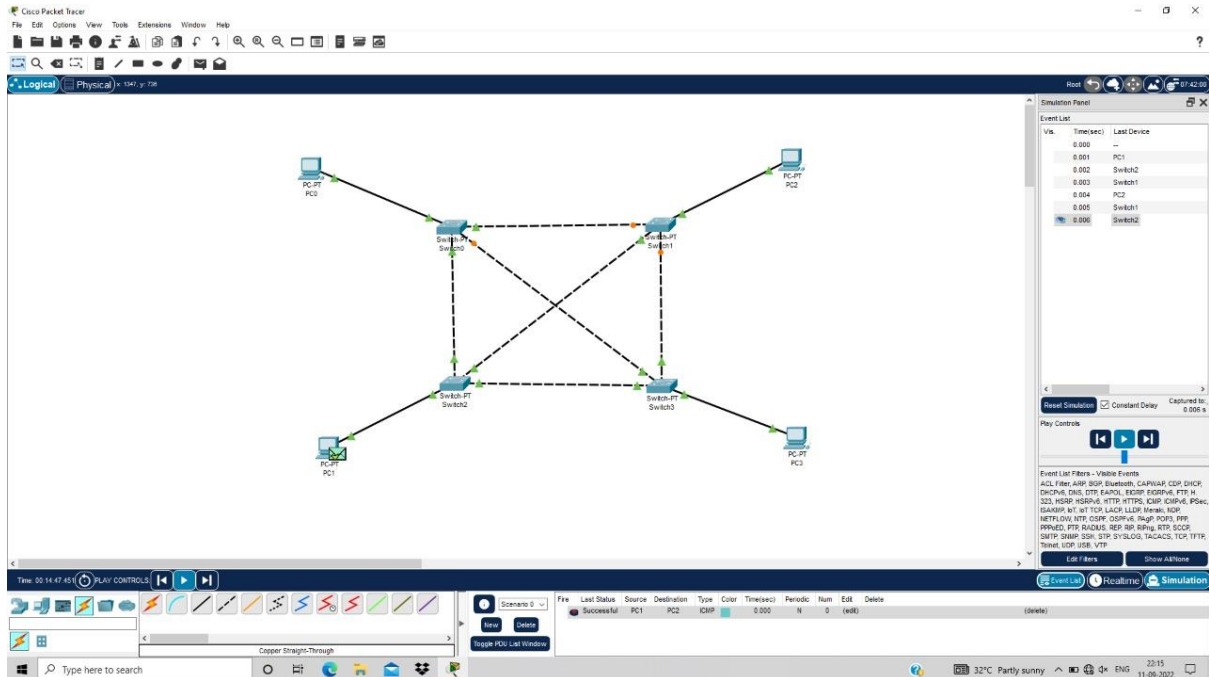
2.BUS TOPOLOGY



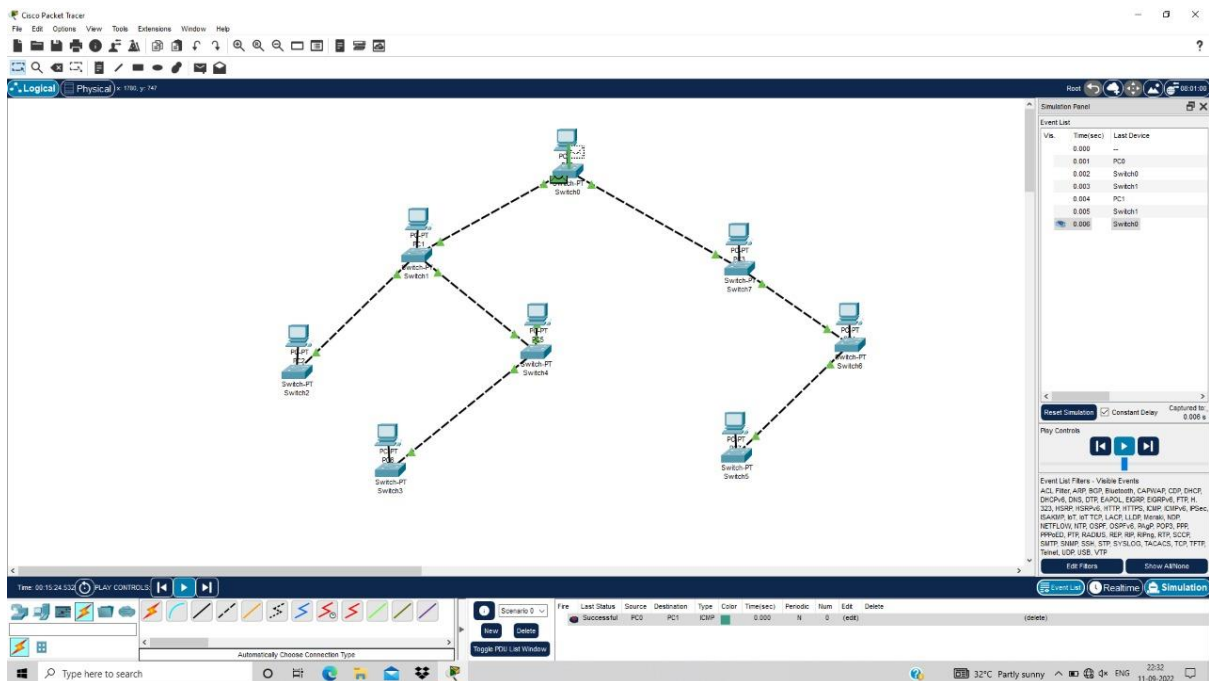
3.RING TOPOLOGY



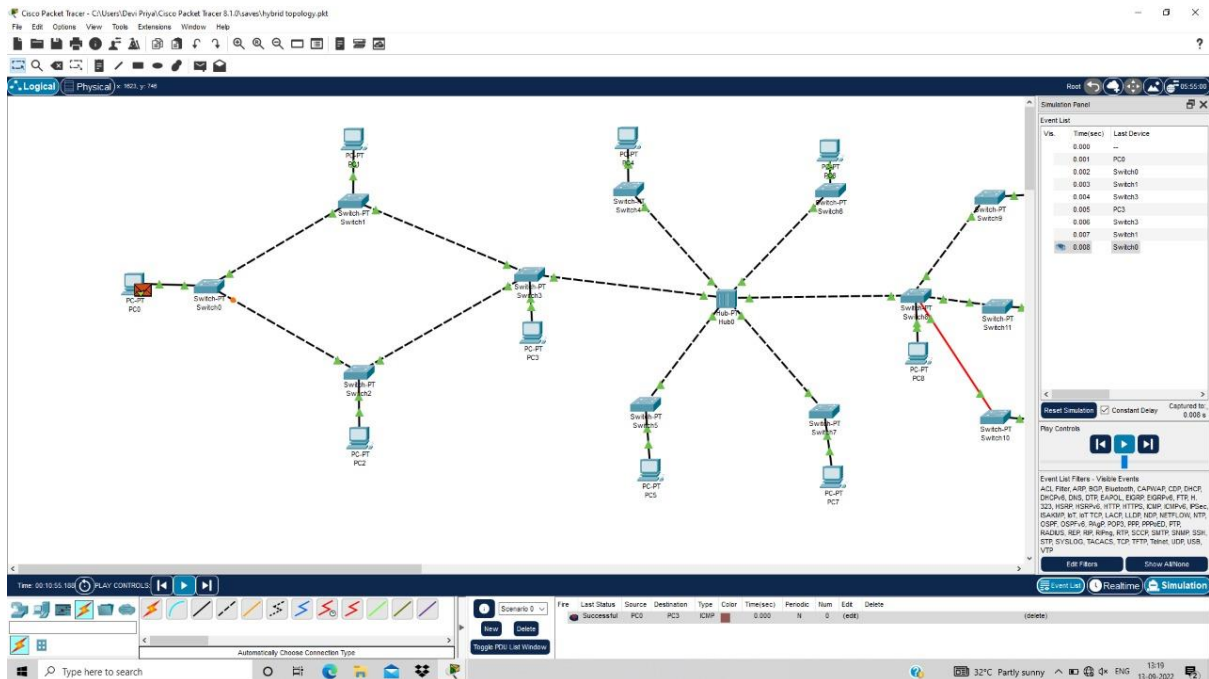
4.MESH TOPOLOGY



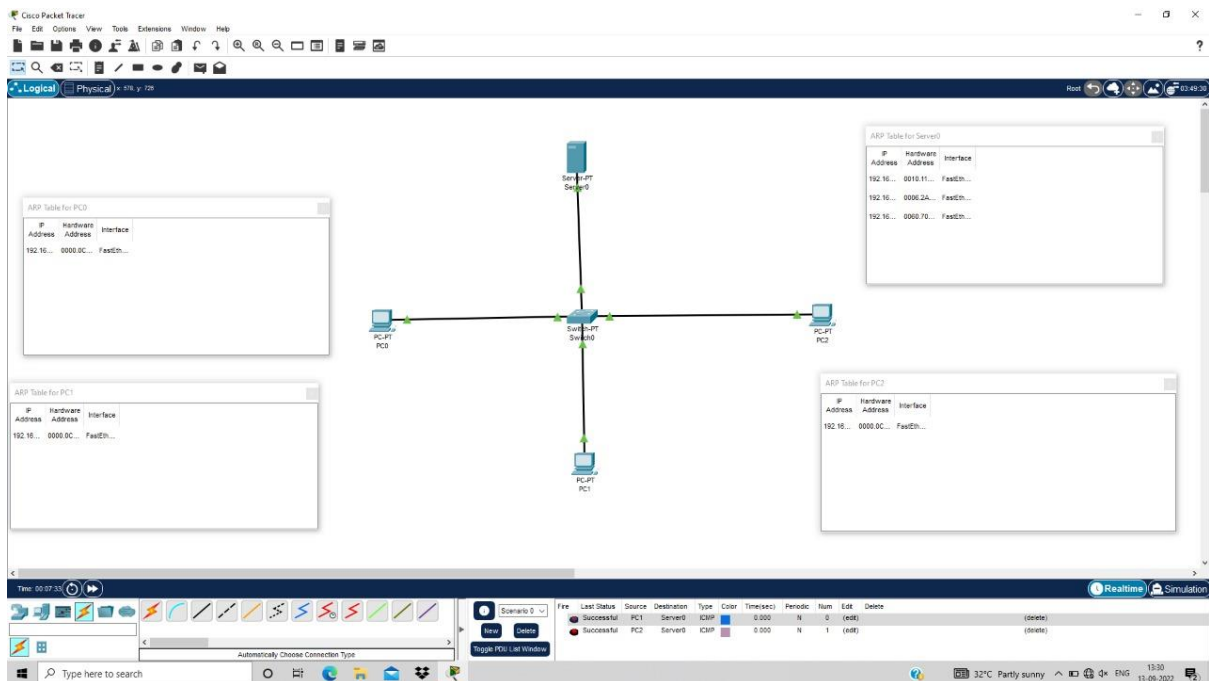
5.TREE TOPOLOGY



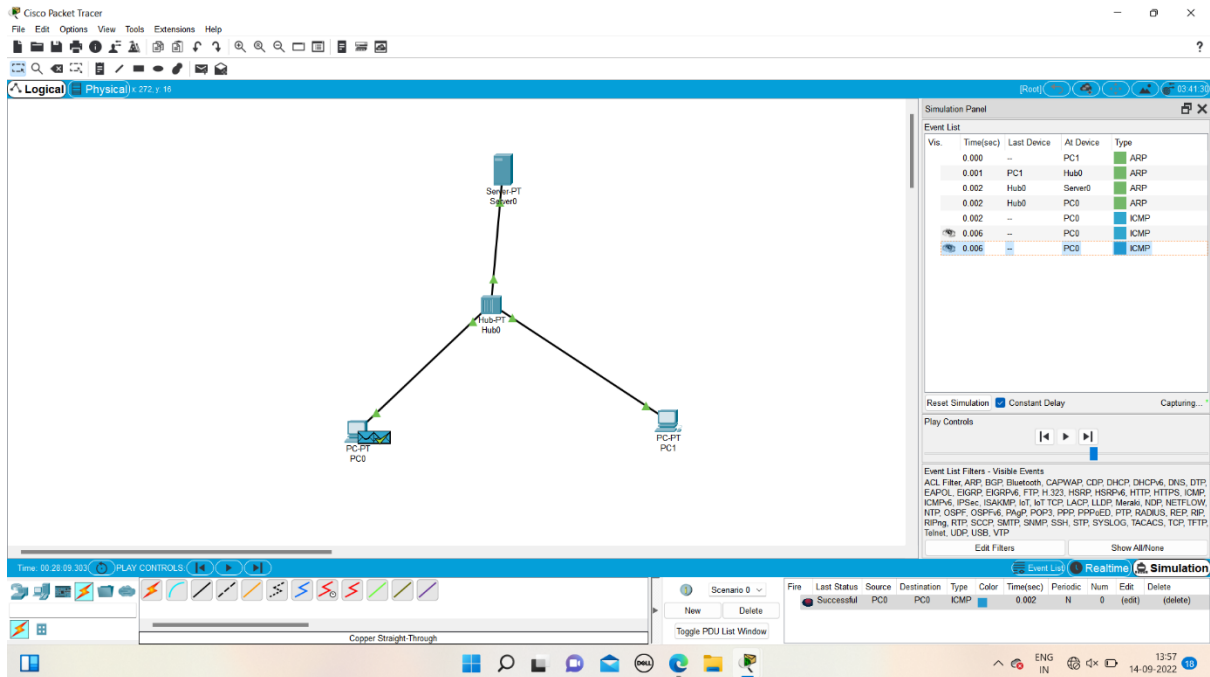
6. HYBRID TOPOLOGY



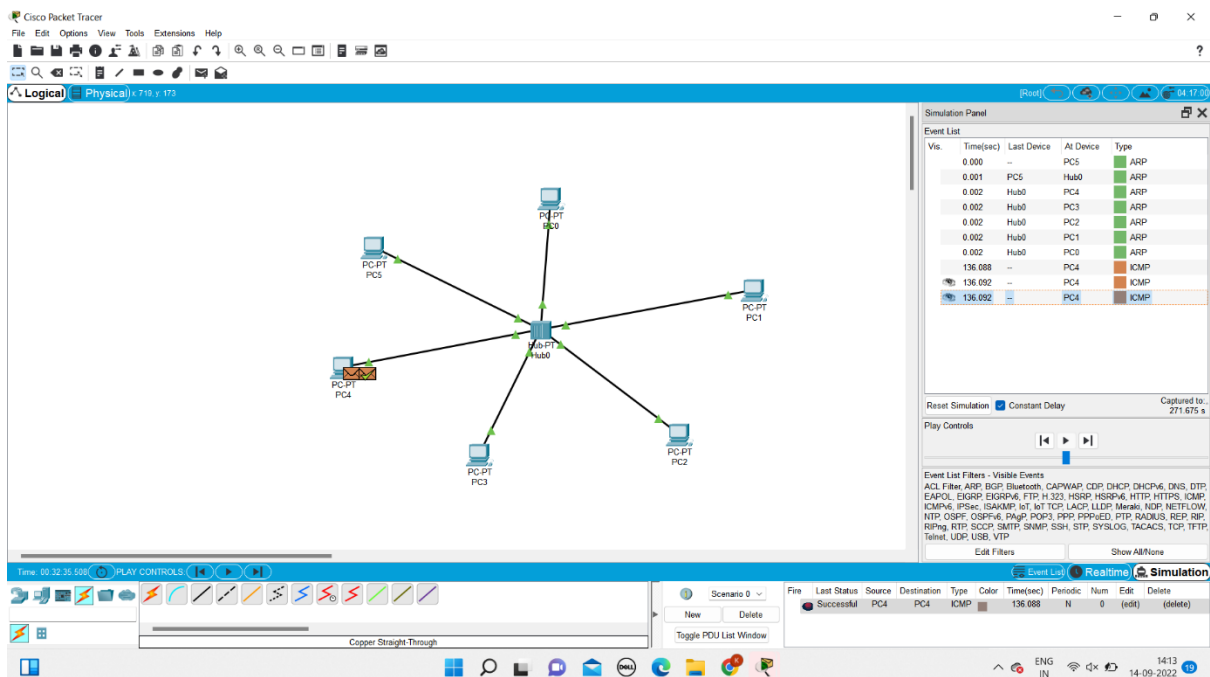
7. ARP



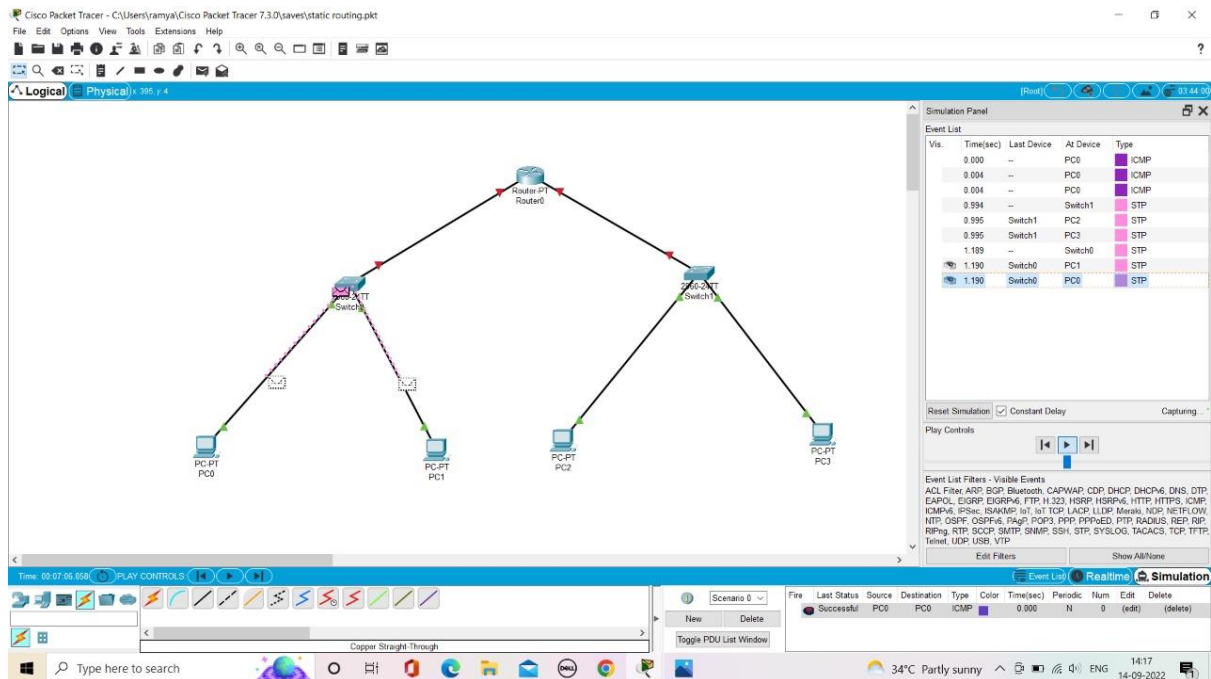
8. LLDP



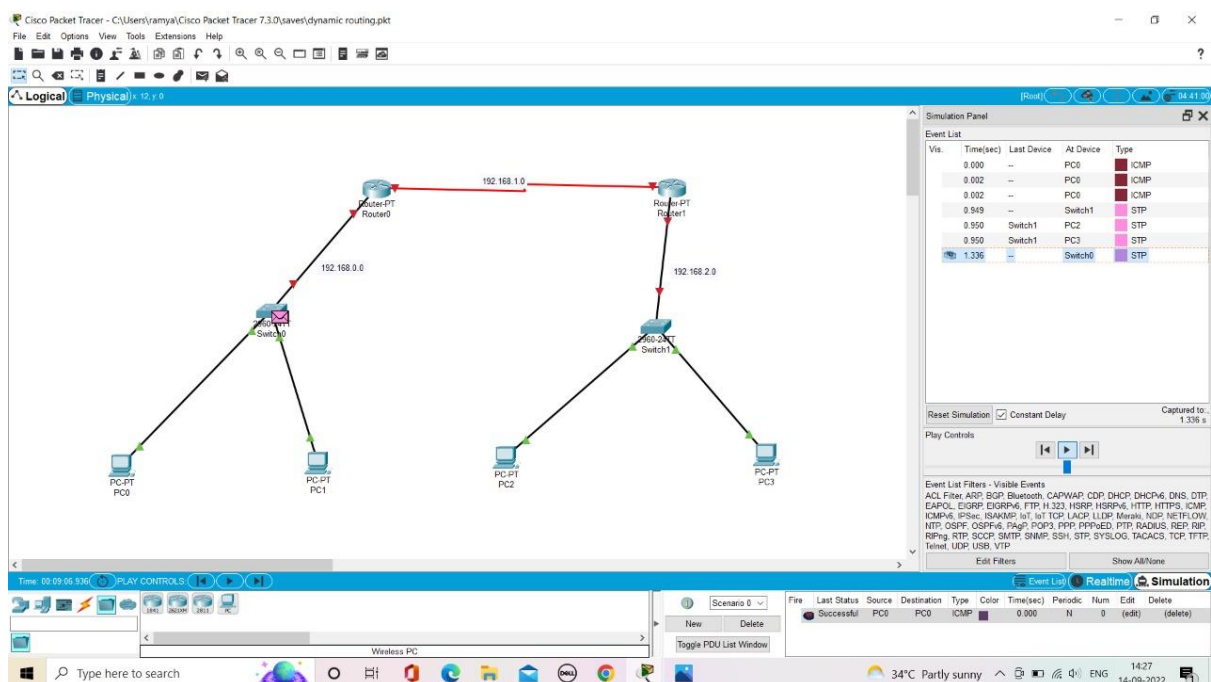
9. CSMA/CD



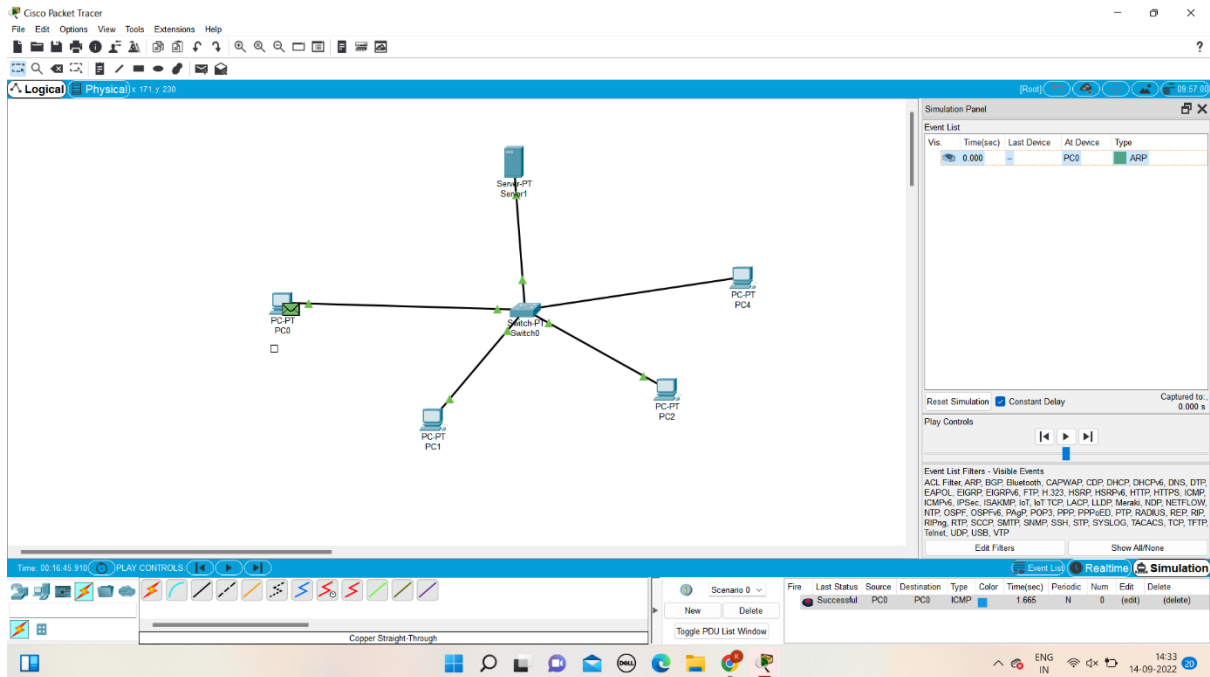
10.STATIC ROUTING:



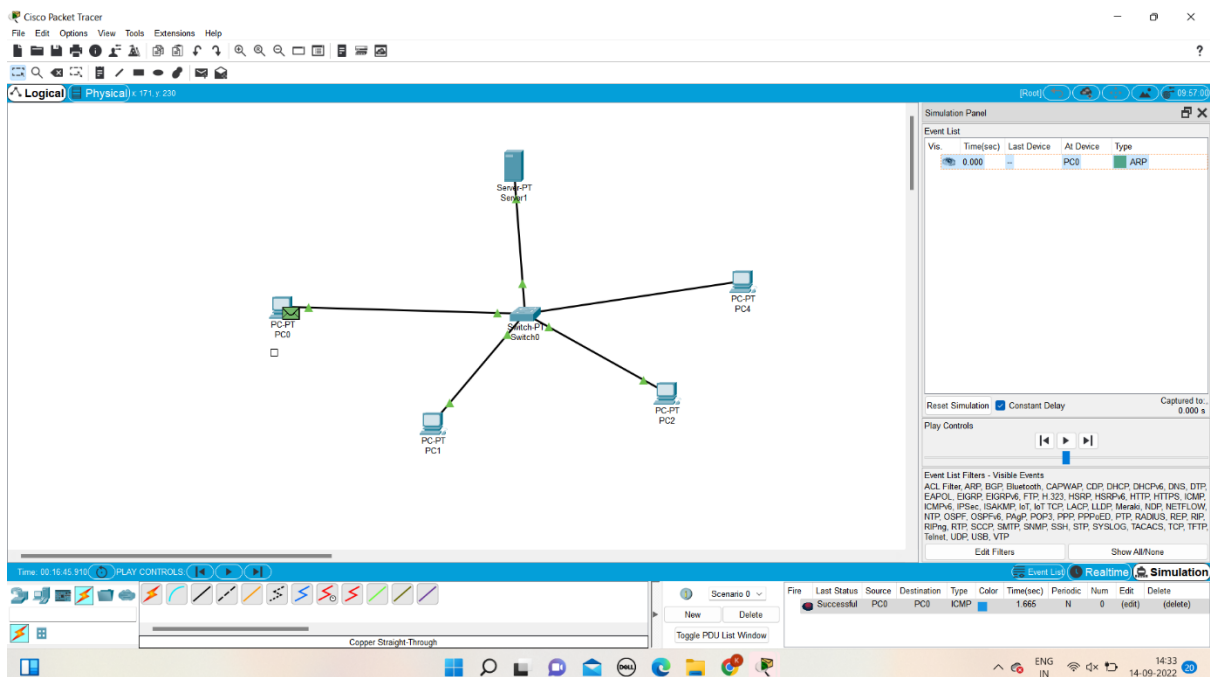
11.DYNAMIC ROUTING:



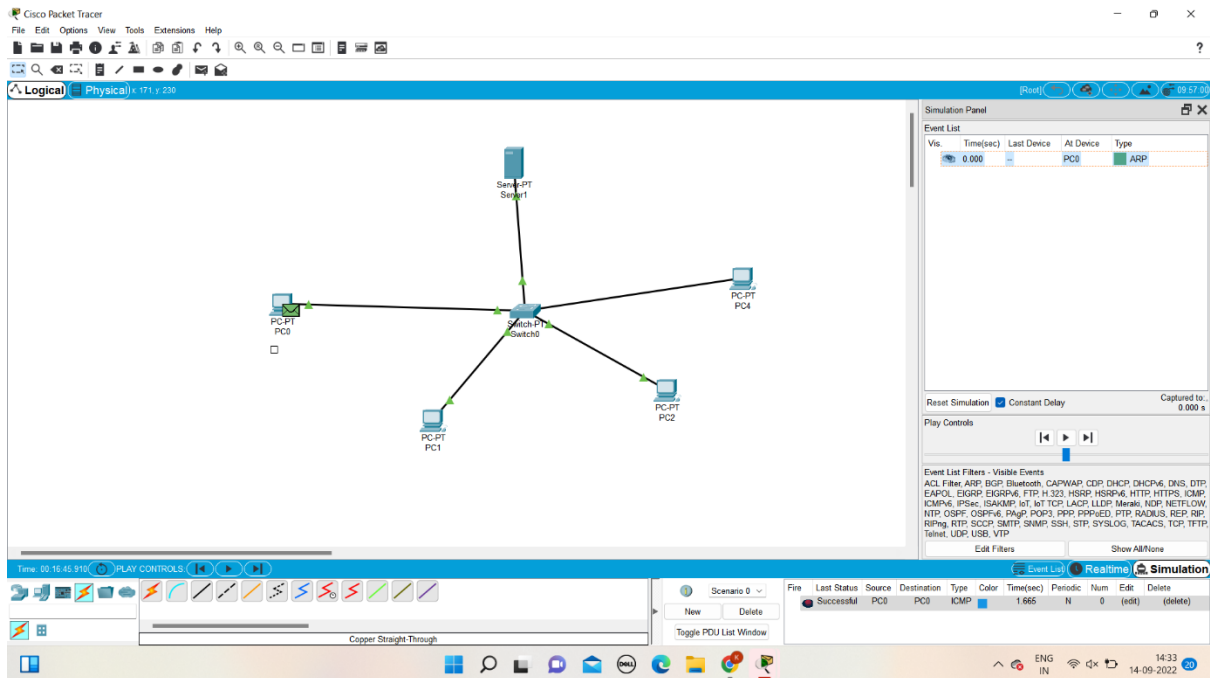
12.TCP FUNCTIONALITIES:



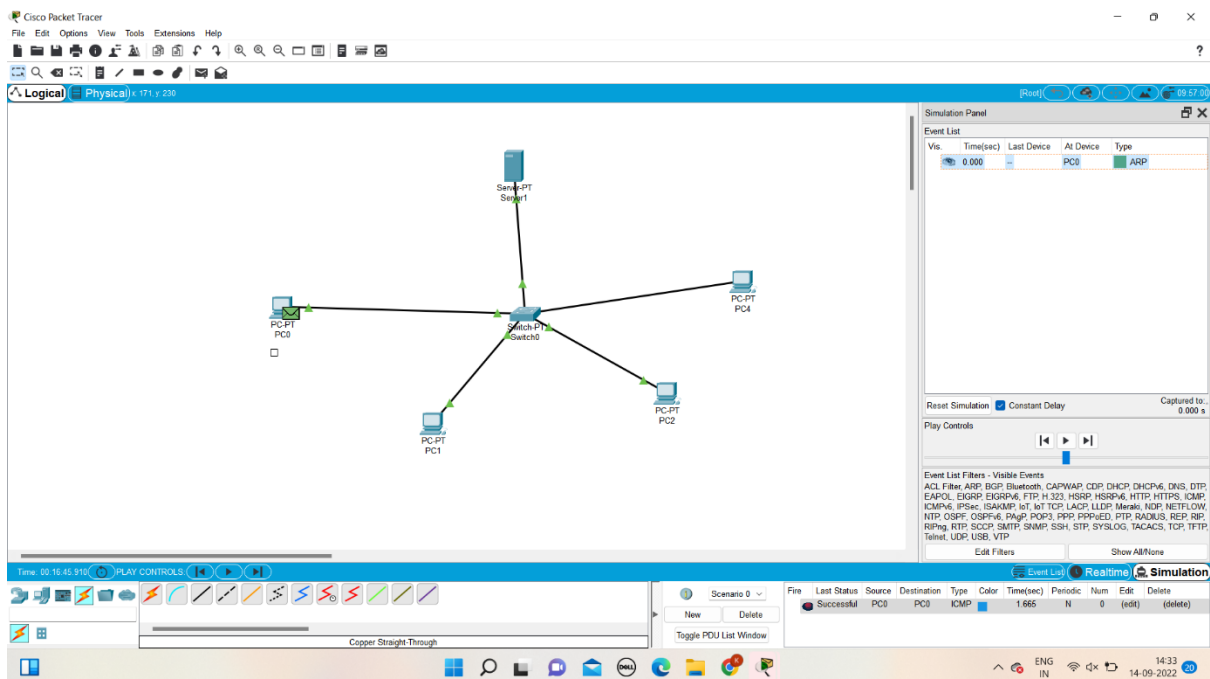
13.UDP FUNCTIONALITIES:



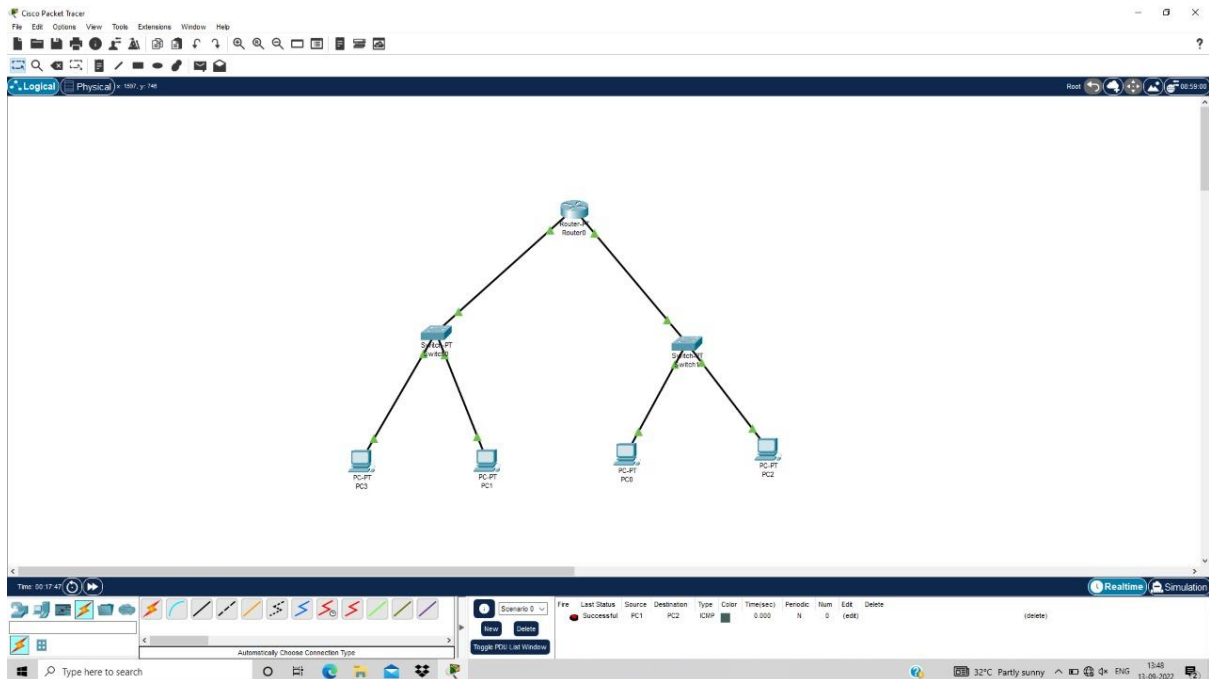
14.TCP EXPLORATION SOLUTION:



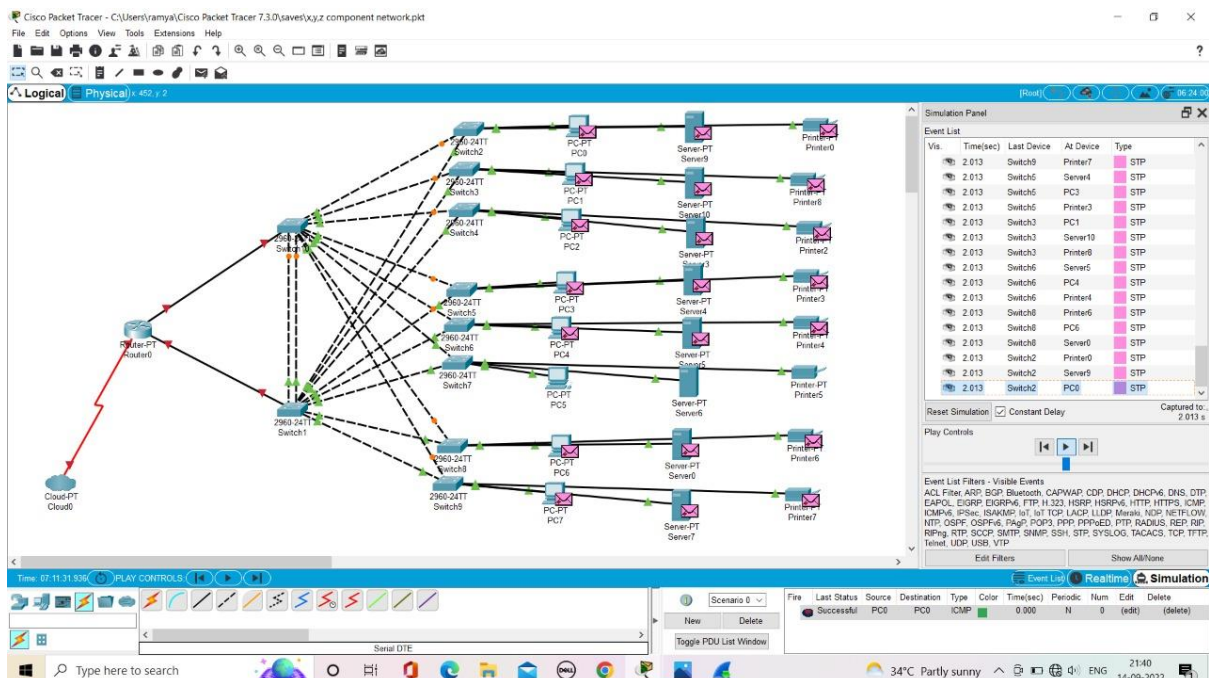
15.UDP EXPLORATION SOLUTION:



16.SUB NETTING:



19.XYZ COMPANY NETWORK DESIGN:



22.COMPUTER LAB:

Cisco Packet Tracer

File Edit Options View Tools Extensions Help

Logical Physical x 874 y 2926

Simulation Panel

Event List

Vis	Time(sec)	Last Device	At Device	Type
	0.002	Switch0	PC2	ARP
	0.002	Switch0	PC3	ARP
	0.002	Switch0	PC6	ARP
	0.002	Switch0	PC8	ARP
	0.002	Switch0	PC7	ARP
	0.002	Switch0	PC4	ARP
	0.002	Switch0	server	ARP
	0.002	Switch0	PC5	ARP
	0.002	--	PC4	ICMP
	0.004	--	PC4	ICMP
	0.004	--	PC4	ICMP
	0.006	--	PC8	ICMP
	0.006	--	PC9	ICMP
	0.132	--	PC5	ARP

Reset Simulation ☒ Constant Delay Captured to: 0.132 s

Play Controls

Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IOT, IOT TCP, LACP, LLDP, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	In Progress	PC5	PC2	ICMP		0.132	N	2	(edit)	(delete)
	Successful	PC5	PC5	ICMP		0.002	N	3	(edit)	(delete)
	Successful	PC4	PC4	ICMP		0.002	N	4	(edit)	(delete)

Time: 00:15:51.567 PLAY CONTROLS

Copper Cross-Over

21:44 14-09-2022