

Name: Shalini Bhandari

Course: MCA (2A)

Roll no: 2001139

Subject name: Computer Networks
(TMC 203)

Problem Statement: There are two organisations in a city named GEU and GENU, design a network between the SOC department of GEU and GENU. Also show the communication between user number 1 of GEU and user number 2 of GENU.

Objective:- Design network between SOC department.

Description:- Steps of Practical.

Steps for making Network.

Step 1: Create LAN-1 with 4 PC and create LAN 2 with 4 PCs

Step 2: Connect both LAN with router and configure the router.

Step 3: Default Gateway for LAN-1 is 10.0.0.5.
Default Gateway for LAN-2 is 192.168.1.5

Step 4: Sending PDU to see if connection is established.

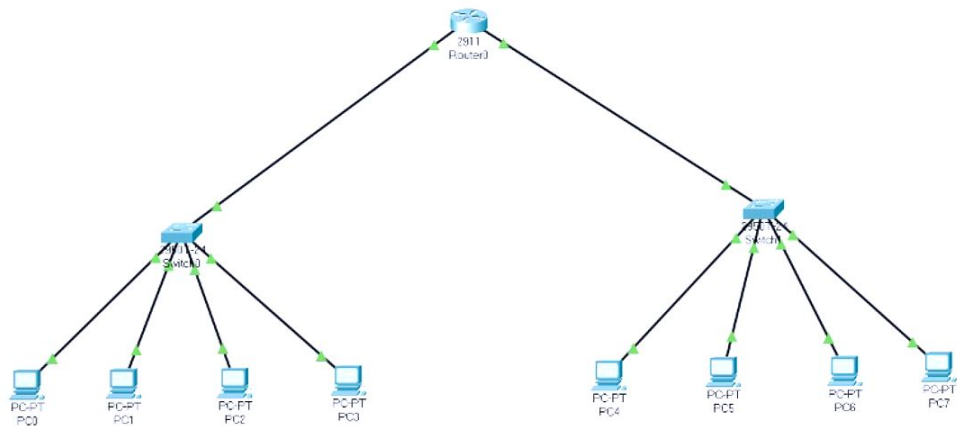
—X—

Shalini



cal Physical x: 1529, y: 378

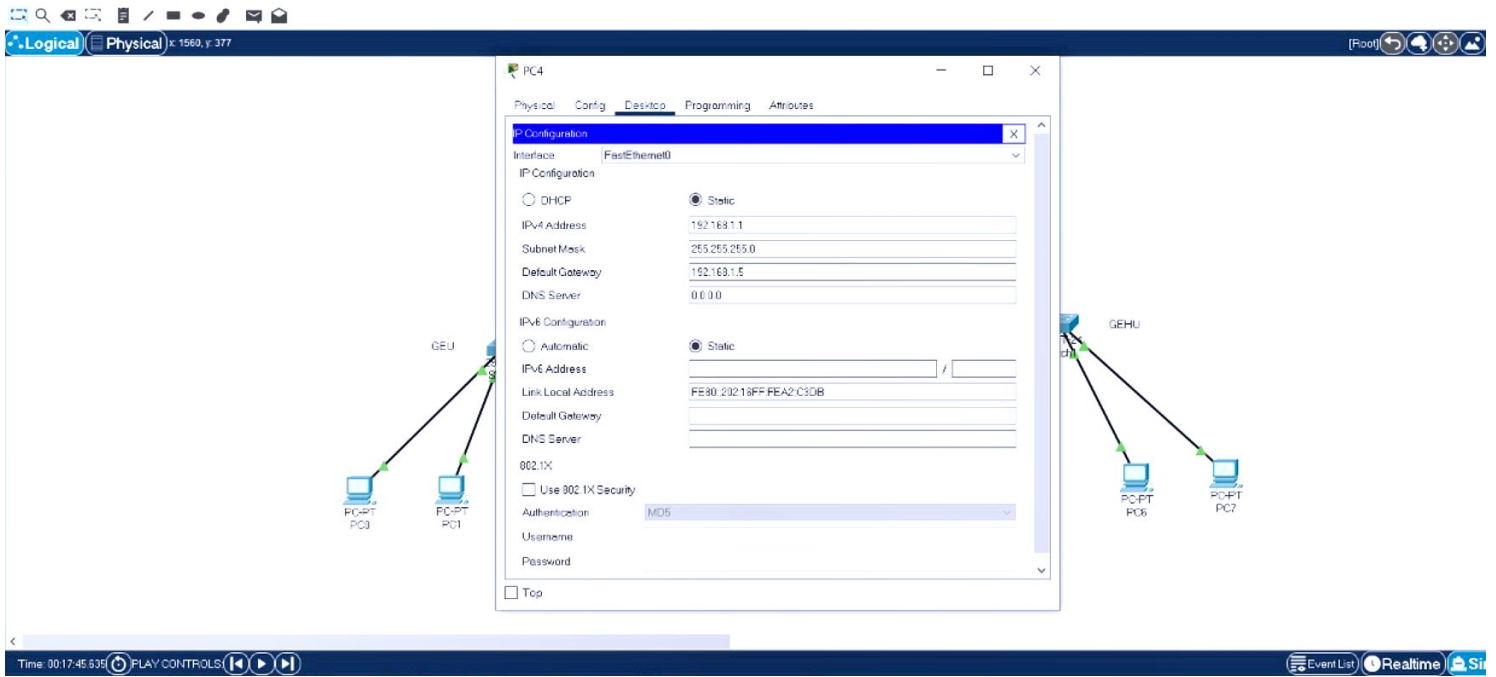
[Root]   

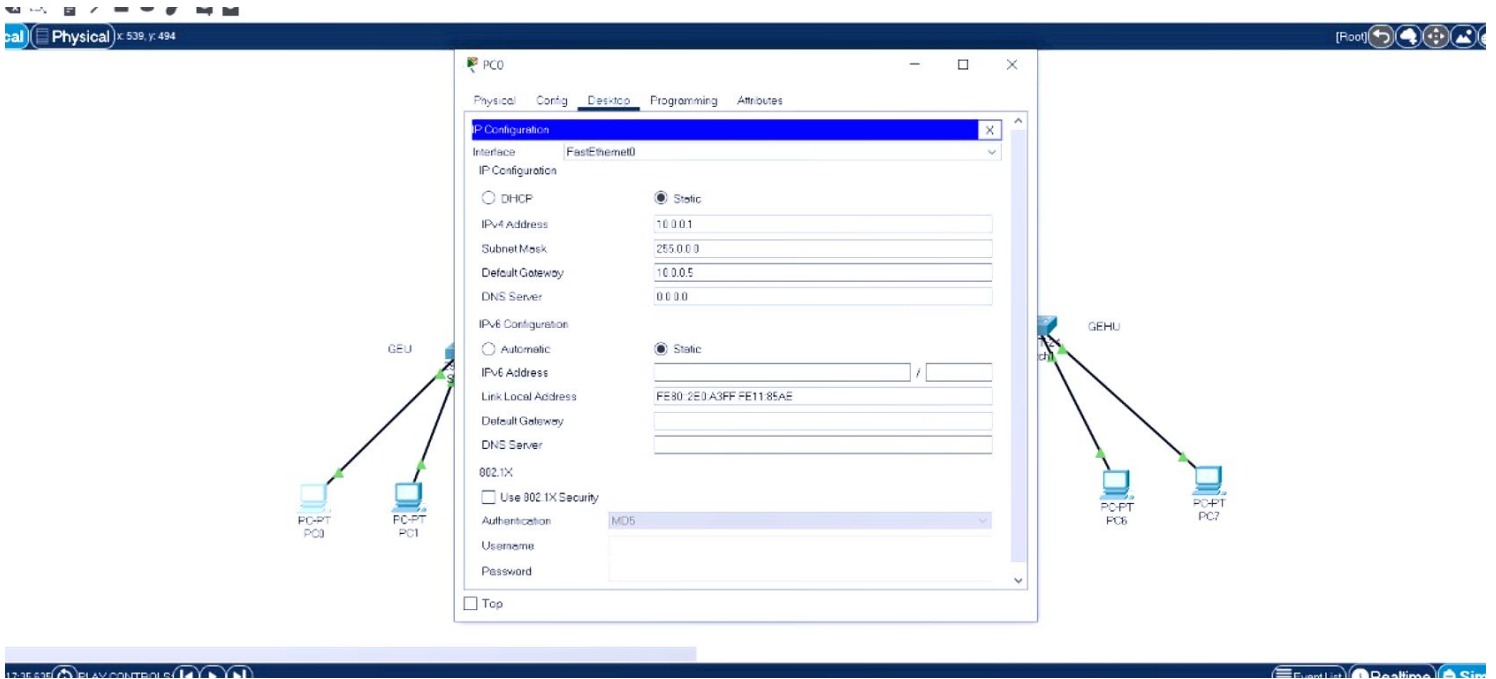


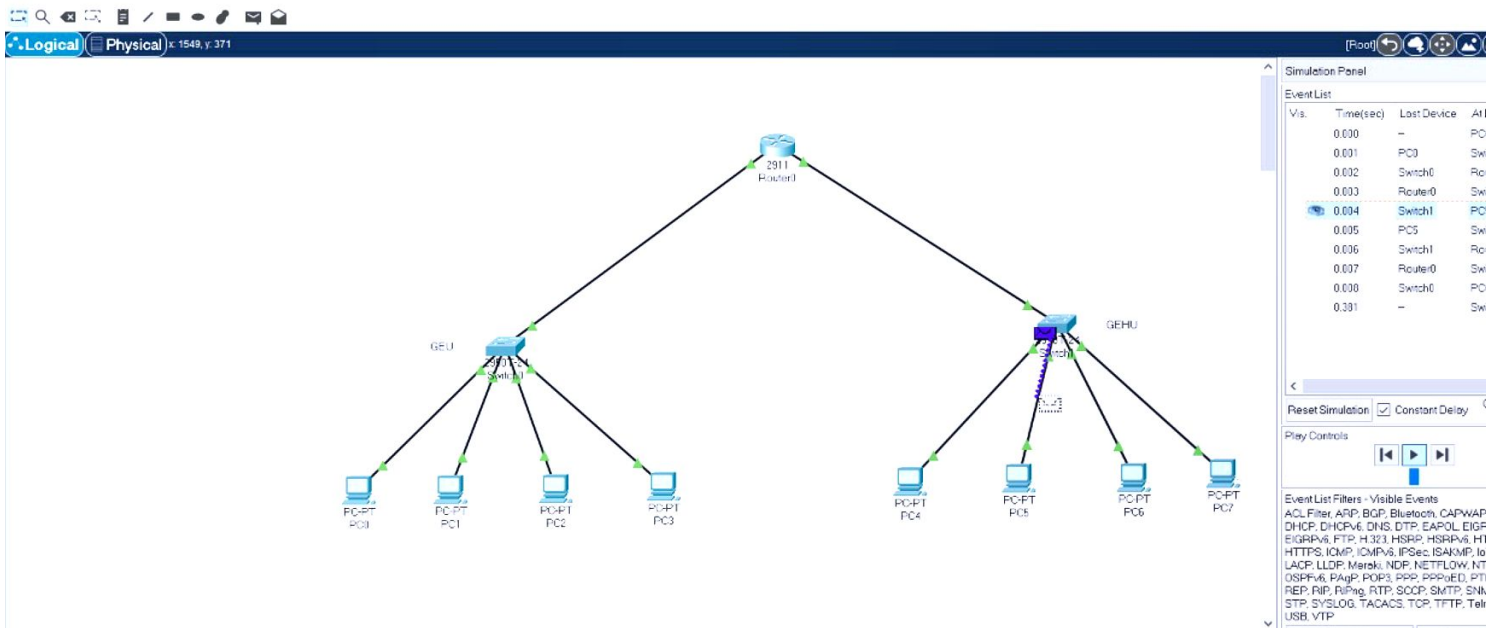
10:06   

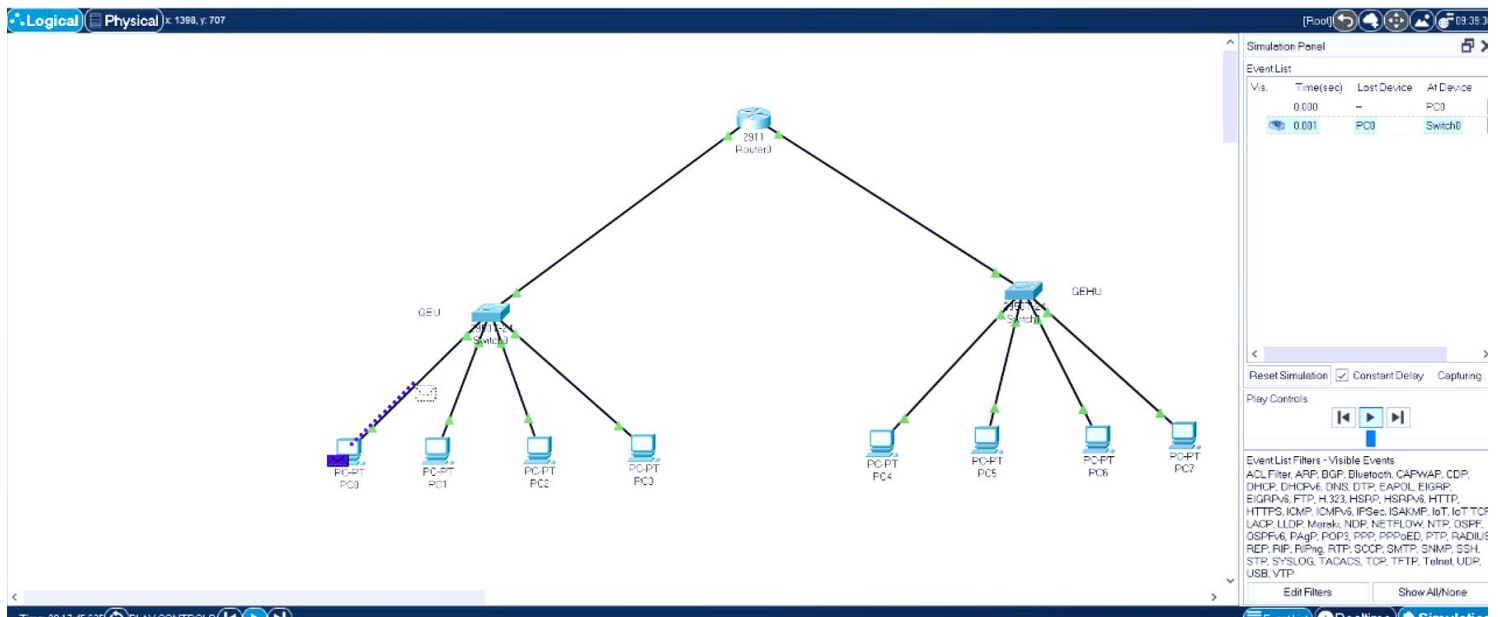


Scenario 0  | File Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete









Logical
Physical
x 1553, y 500

[Root]

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device
	0.000	-	PC0
	0.001	PC0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	PC5
	0.005	PC5	Switch1
	0.006	Switch1	Router0
	0.007	Router0	Switch0
	0.008	Switch0	PC0
	0.391	-	Switch1

Reset Simulation
☒ Constant Delay
Captured to 0.391 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, RFP, RFPng, RTP, SCCP, SMTP, SNMP, SSH, STP, Syslog, TACACS, TFTP, Telnet, UDP, USB, VTP

Edit Filters
Show All/None

Time: 00:17:46.016
PLAY CONTROLS

Scenario 0
New
Delete
Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC5	ICMP		0.000	N	0	(edit)	(delete)