

Name → Vikram      Father name - Phool chandra  
Course → MCA  
Section → MCA-2B  
Roll no → 2001165  
College → GEHU

Que 7

step for network creations ÷

Step 1 → Create LAN-1 with 4 PC and create  
LAN 2 with 6 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  
192.168.15

Step 4 - sending Pdu to see if  
connection is established.

Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help

Logical
Physical
x 1553, y: 600

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	T
	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	
	0.381	-	Switch1	

Reset Simulation
☒ Constant Delay
Captured to: 0.381 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

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)



Cisco Packet Tracer

FileEditOptionsViewToolsExtensionsWindowHelp

LogicalPhysical

x 1560, y: 377

[Root]

03:21:30

PC4

PhysicalConfigDesktopProgrammingAttributes

IP Configuration

InterfaceFastEthernet0

IP Configuration

☐ DHCP

☒ Static

IPv4 Address192.168.1.1

Subnet Mask255.255.255.0

Default Gateway192.168.1.5

DNS Server0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local AddressFE80::202:18FF:FEA2:C3DB

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

AuthenticationMD5

Username

Password

☐ Top

GEU

PC-PT PC0

PC-PT PC1

GEU

PC-PT PC6

PC-PT PC7

Time: 00:17:45.635

PLAY CONTROLS

Copper Straight-Through

Scenario 0

NewDelete

Toggle PDU List Window

FireLast StatusSourceDestinationTypeColorTime(sec)PeriodicNumEditDelete

Event List

Realtime

Simulation



Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help

Logical Physical x 1398, y: 707

```

graph TD
    Router[2911 Router] --- Switch0[2950 Switch0 GEU]
    Router --- Switch1[2950 Switch1 GEHU]
    Switch0 --- PC0[PC-PT PC0]
    Switch0 --- PC1[PC-PT PC1]
    Switch0 --- PC2[PC-PT PC2]
    Switch0 --- PC3[PC-PT PC3]
    Switch1 --- PC4[PC-PT PC4]
    Switch1 --- PC5[PC-PT PC5]
    Switch1 --- PC6[PC-PT PC6]
    Switch1 --- PC7[PC-PT PC7]
    PC0 -.-> PC5
  
```

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device
	0.000	-	PC0
	0.001	PC0	Switch0

Reset Simulation ☒ Constant Delay Capturing

Play Controls

Event List Filters - Visible Events

ACLFilter, 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, RIPv2, RIPv3, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

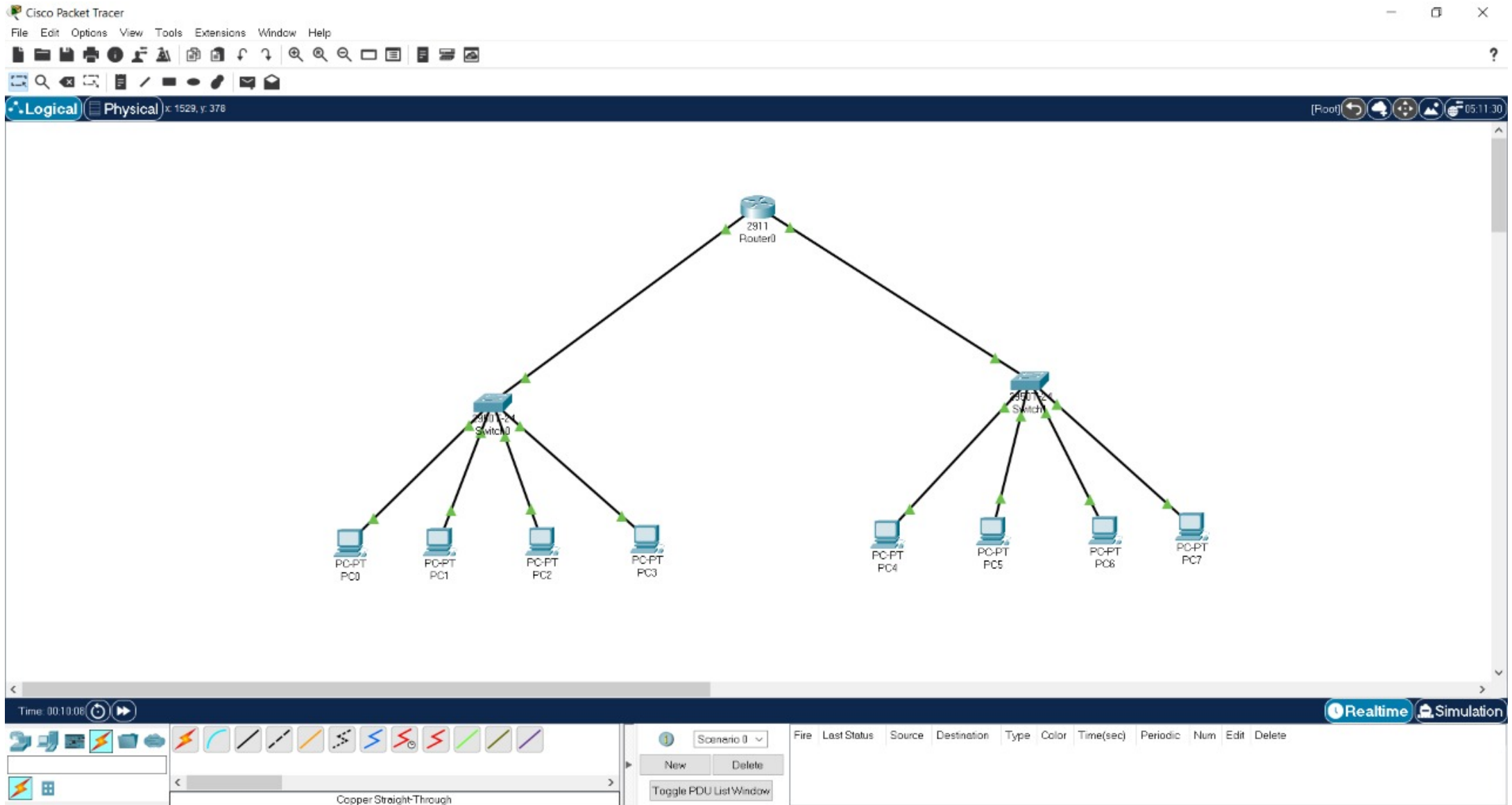
Time: 00:17:45.635 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

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



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical

Physical

x 539, y 494

[Root]

09:08:30

PC0

Physical Config Desktop Programming Attributes

IP Configuration

InterfaceFastEthernet0

IP Configuration

☐ DHCP

☒ Static

IPv4 Address10.0.0.1

Subnet Mask255.0.0.0

Default Gateway10.0.0.5

DNS Server0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local AddressFE80::2E0:A3FF:FE11:85AE

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

AuthenticationMD5

Username

Password

☐ Top

GEU

PC-PT PC0

PC-PT PC1

GEU

PC-PT PC6

PC-PT PC7

Time: 00:17:35.635

PLAY CONTROLS

Scenario 0

New

Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
------	-------------	--------	-------------	------	-------	-----------	----------	-----	------	--------

Copper Straight-Through

Event List

Realtime

Simulation

## Connecting two lan through Cisco packet Tracer

Cisco Packet Tracer Student

