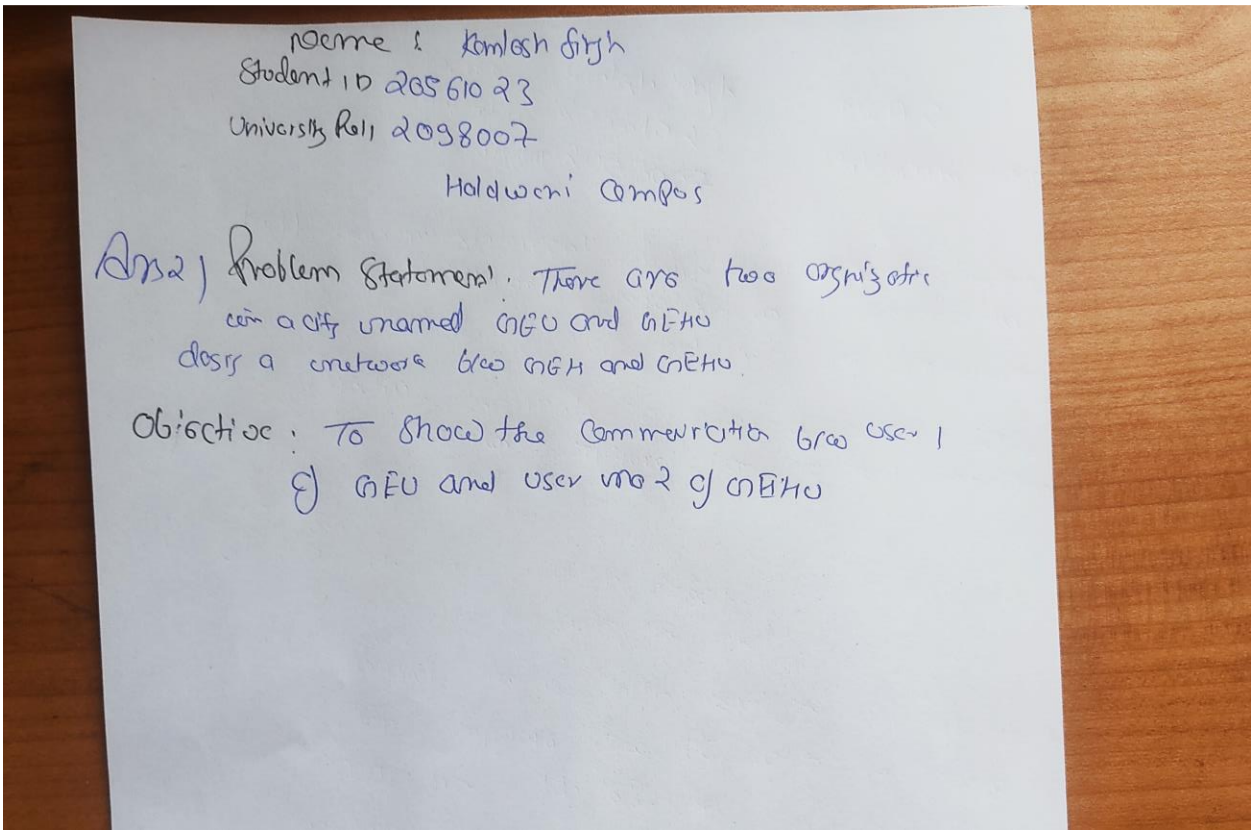
Kamlesh Singh 20561023 Univesity ROLL: 2098007

HLD campus MCA 2

ANS2)



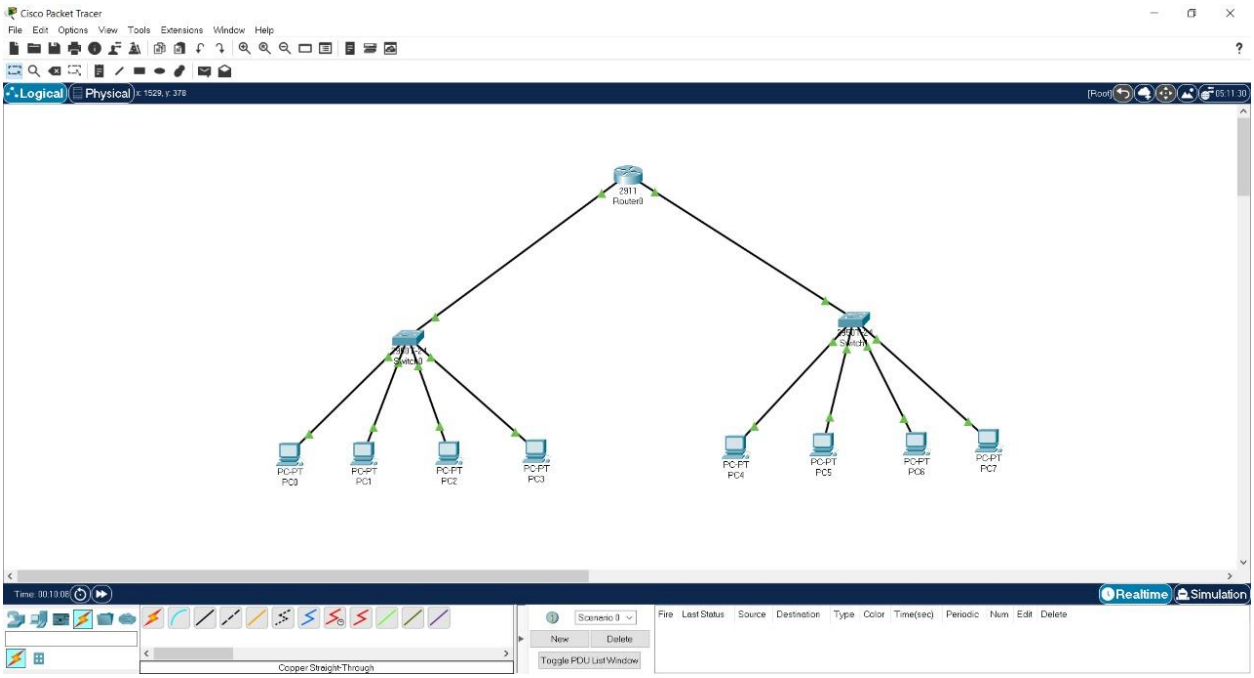
Step1)

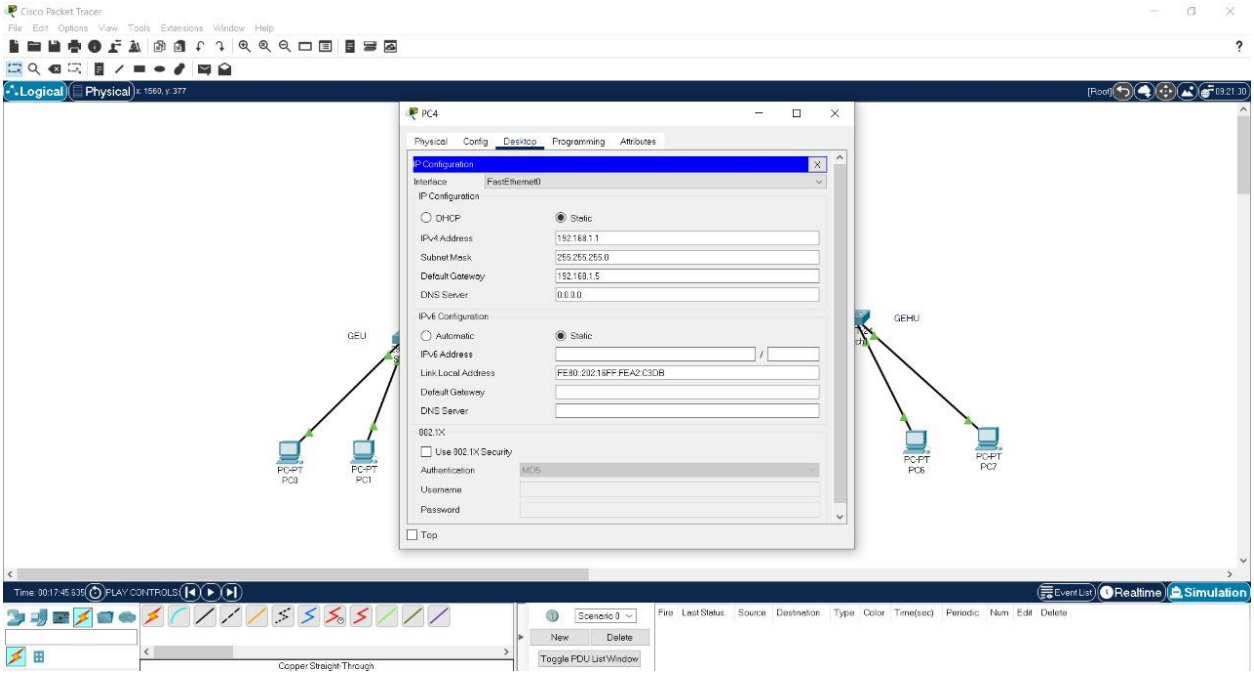
Create two lan using switch

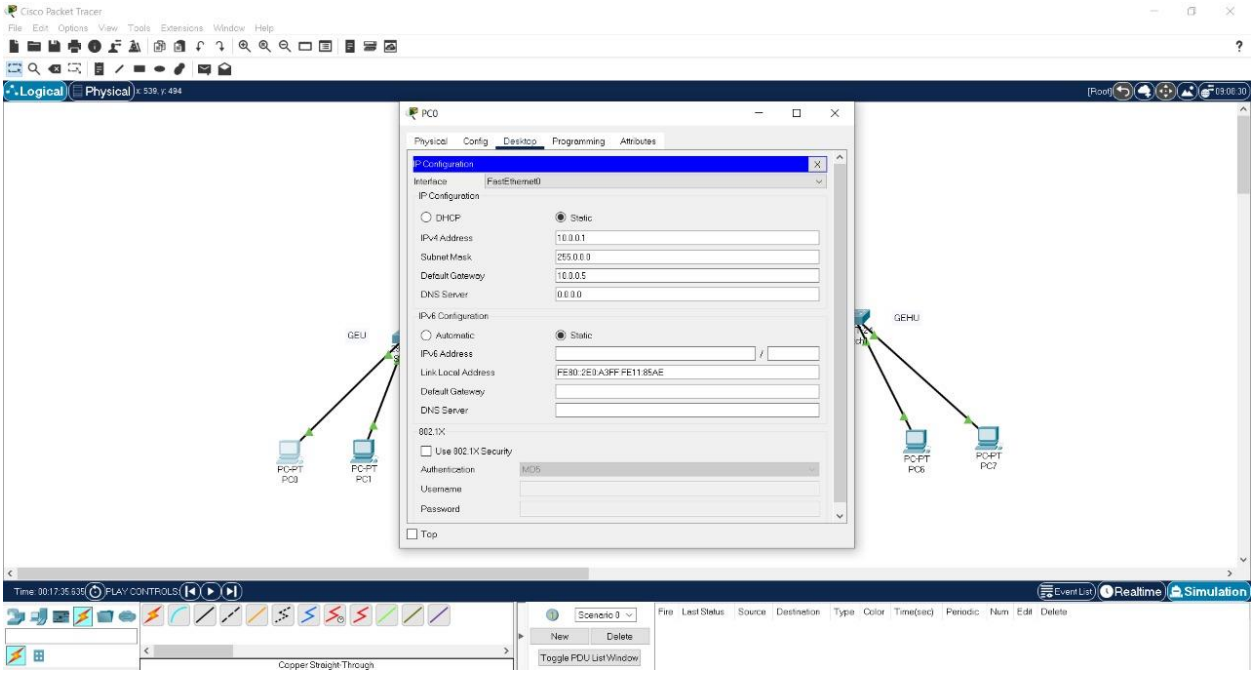
Connect with router

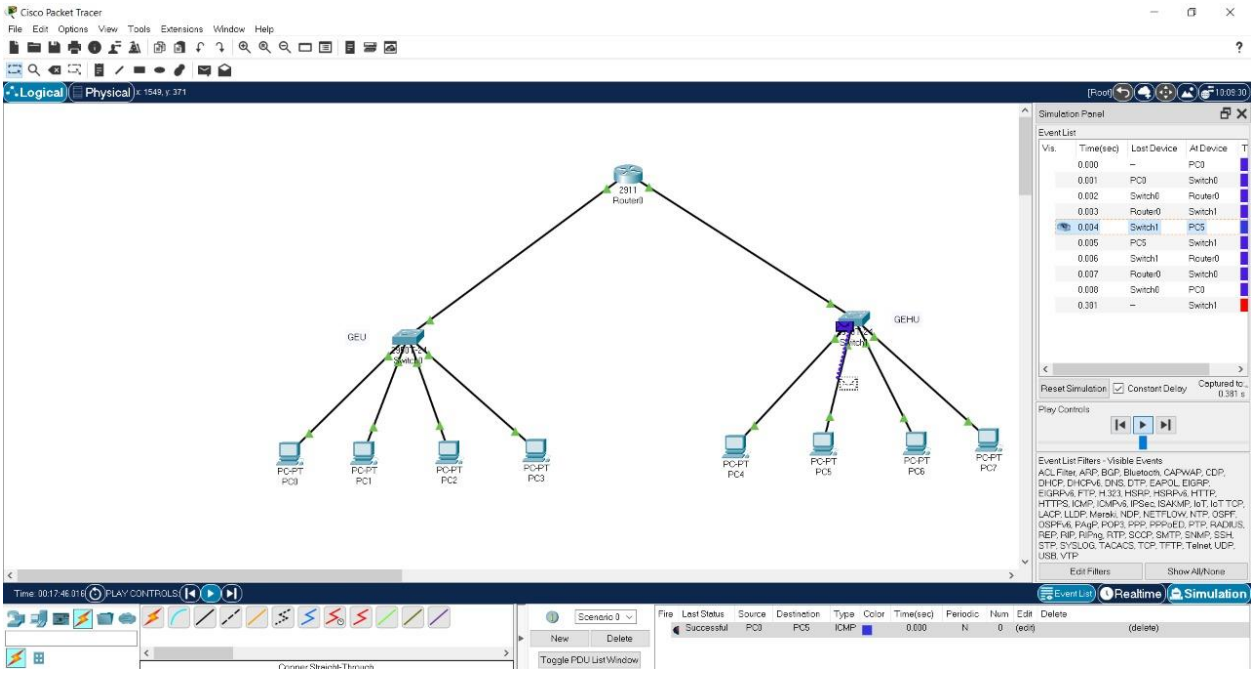
Configure the router with default gateway address

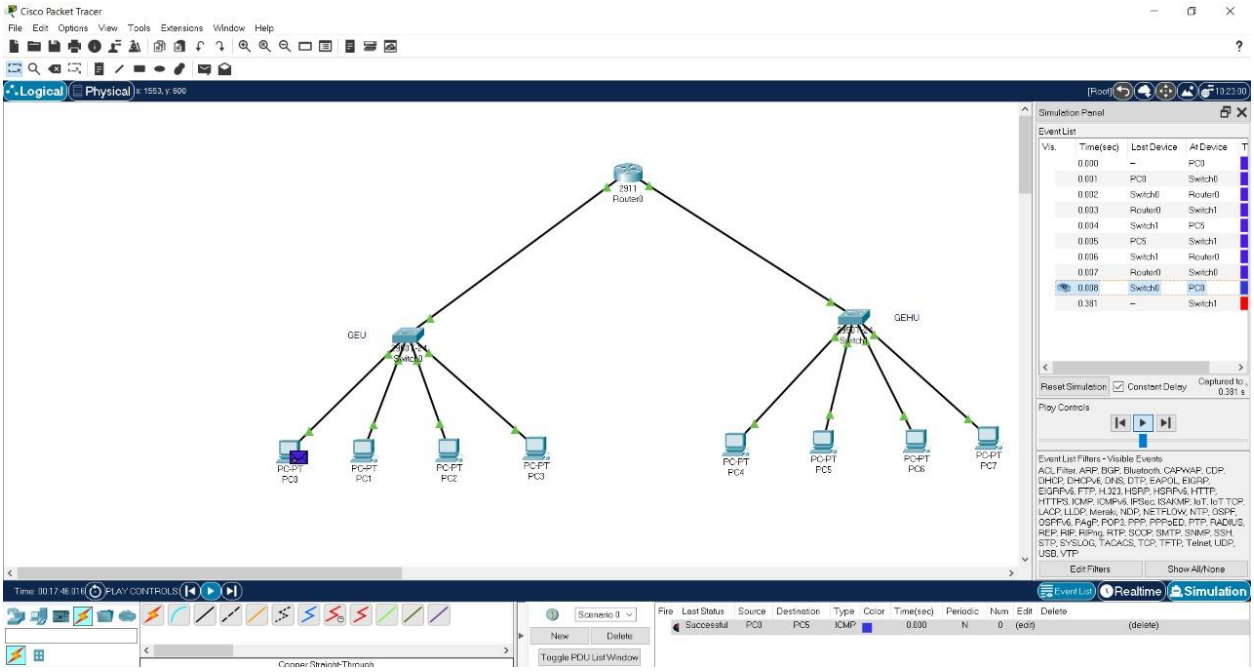
Configure pc and send pdu to check connection


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
2911
Router0
PC-PT
PC0
PC1
PC2
PC3
PC4
PC5
PC6
PC7
Realtime
Simulation
Copper Straight-Through
New
Delete
Toggle PDU List Window


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
PC4
Physical
Config
Desktop
Programming
Attributes
IP Configuration
Interface
FastEthernet0
DHCP
Static
IPv4 Address
192.168.1.1
Subnet Mask
255.255.255.0
Default Gateway
192.168.1.5
DNS Server
0.0.0.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address
FE80::202:18FF:FEA2:C3DB
802.1X
Use 802.1X Security
Authentication
Username
Password
Top
GEHU
PC-PT
PC6
PC7
Realtime
Simulation
Copper Straight-Through
New
Delete
Toggle PDU List Window


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
PC0
Physical Config Desktop Programming Attributes
IP Configuration
Interface FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address 10.0.0.1
Subnet Mask 255.0.0.0
Default Gateway 10.0.0.5
DNS Server 0.0.0.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address FE80::2E0:A3FF:FE11:85AE
Default Gateway
DNS Server
802.1X
Use 802.1X Security
Authentication MD5
Username
Password
Top
GEU
GEHU
PC-PT PC0
PC-PT PC1
PC-PT PC6
PC-PT PC7
Realtime
Simulation
Copper Straight-Through
New
Delete
Toggle PDU List Window


Cisco Packet Tracer
File Edit Options View Tools Extensions Window Help
Logical
Physical
2911 Router0
GEU
GEHU
PC-PT PC0
PC-PT PC1
PC-PT PC2
PC-PT PC3
PC-PT PC4
PC-PT PC5
PC-PT PC6
PC-PT PC7
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
0.301 -- Switch1
Reset Simulation
Constant Delay
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, PPPoED, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP
Edit Filters
Show All/None
Logical
Physical
Realtime
Simulation
Copper Straight-Through
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
File Edit Options View Tools Extensions Window Help
Logical
Physical
Router0
GEU
GEHU
PC0
PC1
PC2
PC3
PC4
PC5
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PC7
Simulation Panel
Event List
Reset Simulation
Constant Delay
Play Controls
Realtime
Simulation