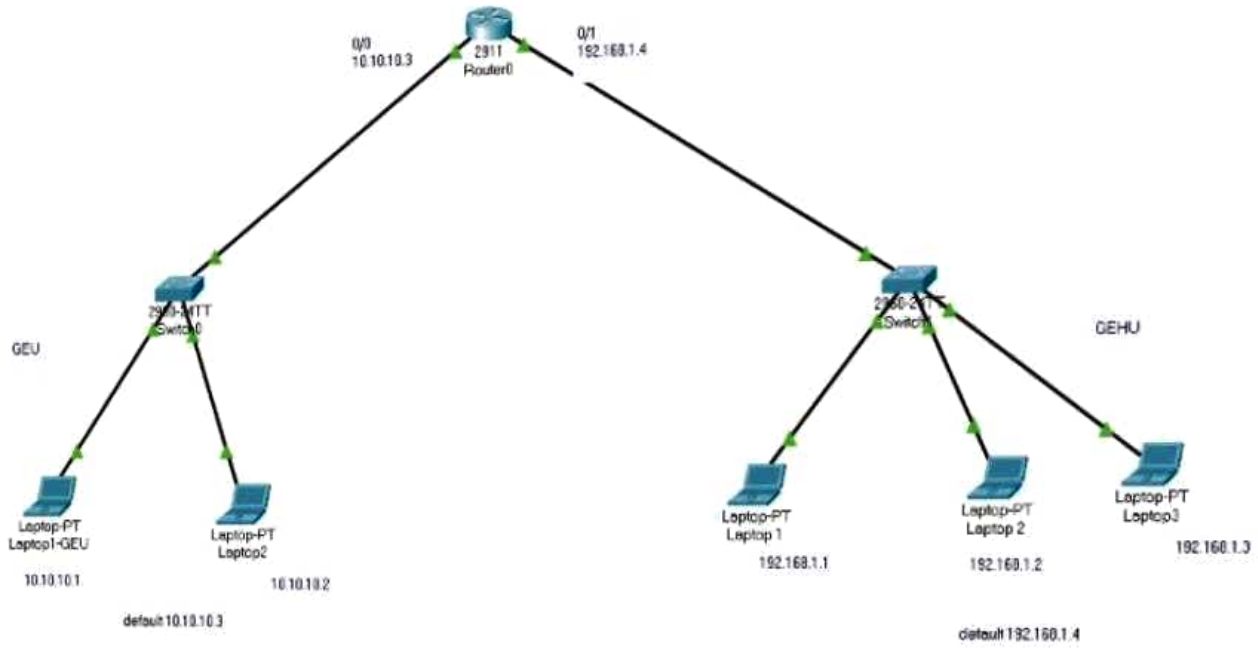
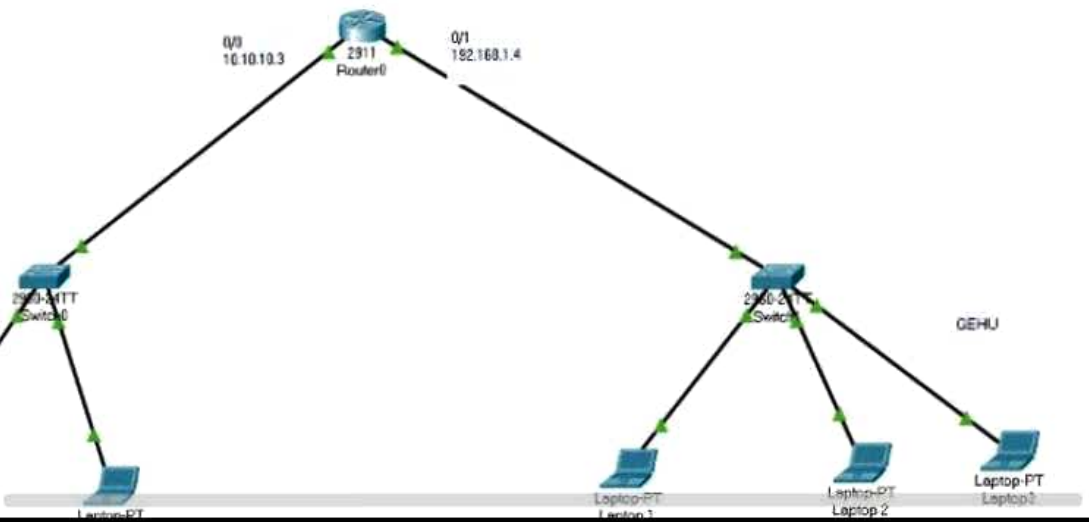

0/0
10.10.10.3
2911
Router0
0/1
192.168.1.4
GEU
GEHU
Laptop-PT
Laptop1-GEU
10.10.10.1
Laptop-PT
Laptop2
10.10.10.2
default 10.10.10.3
Laptop-PT
Laptop 1
192.168.1.1
Laptop-PT
Laptop 2
192.168.1.2
Laptop-PT
Laptop3
192.168.1.3
default 192.168.1.4


0/0
10.10.10.3
2911
Router0
0/1
192.168.1.4
GEHU
Laptop-PT
Laptop 1
Laptop-PT
Laptop 2
Laptop-PT

Date / /

the IPv4 address of Router.

Step5:- Perform Step3 and Step4 for GENU Network. Router is connected to GENU by Interface Gigabit Ethernet 0/1. Set its IPV4 address as 192.168.1.4 Set the port status1.

Step6: Now set the IP address of end devices connected to switch 1. Set default G. gateway as 192.168.1.4.

Step7:- Check all the collection are done properly Green arrows would indicate proper connection.

Q2. Problem statement :-

Object: Show LAN connection using router.

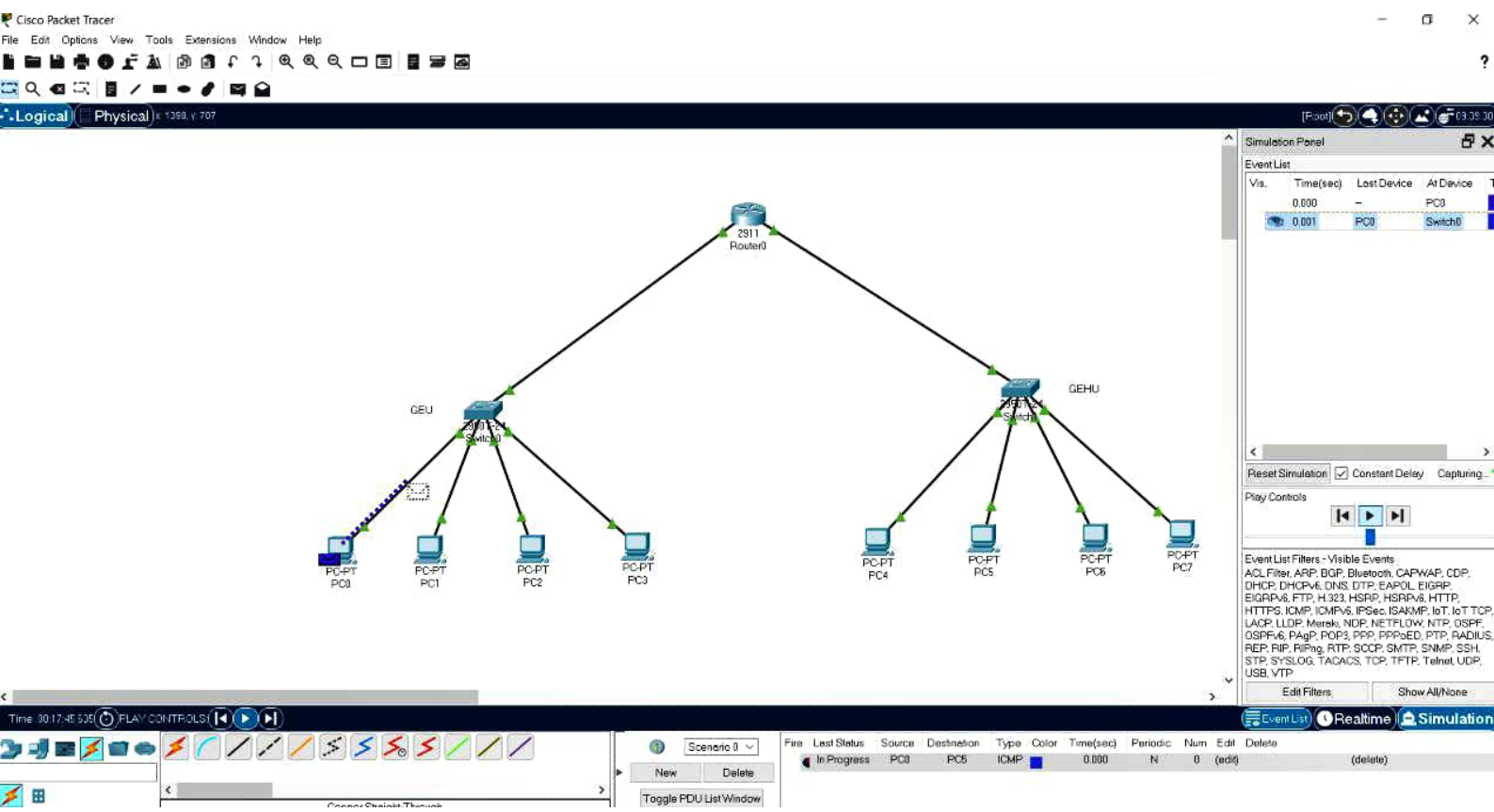
Description :-

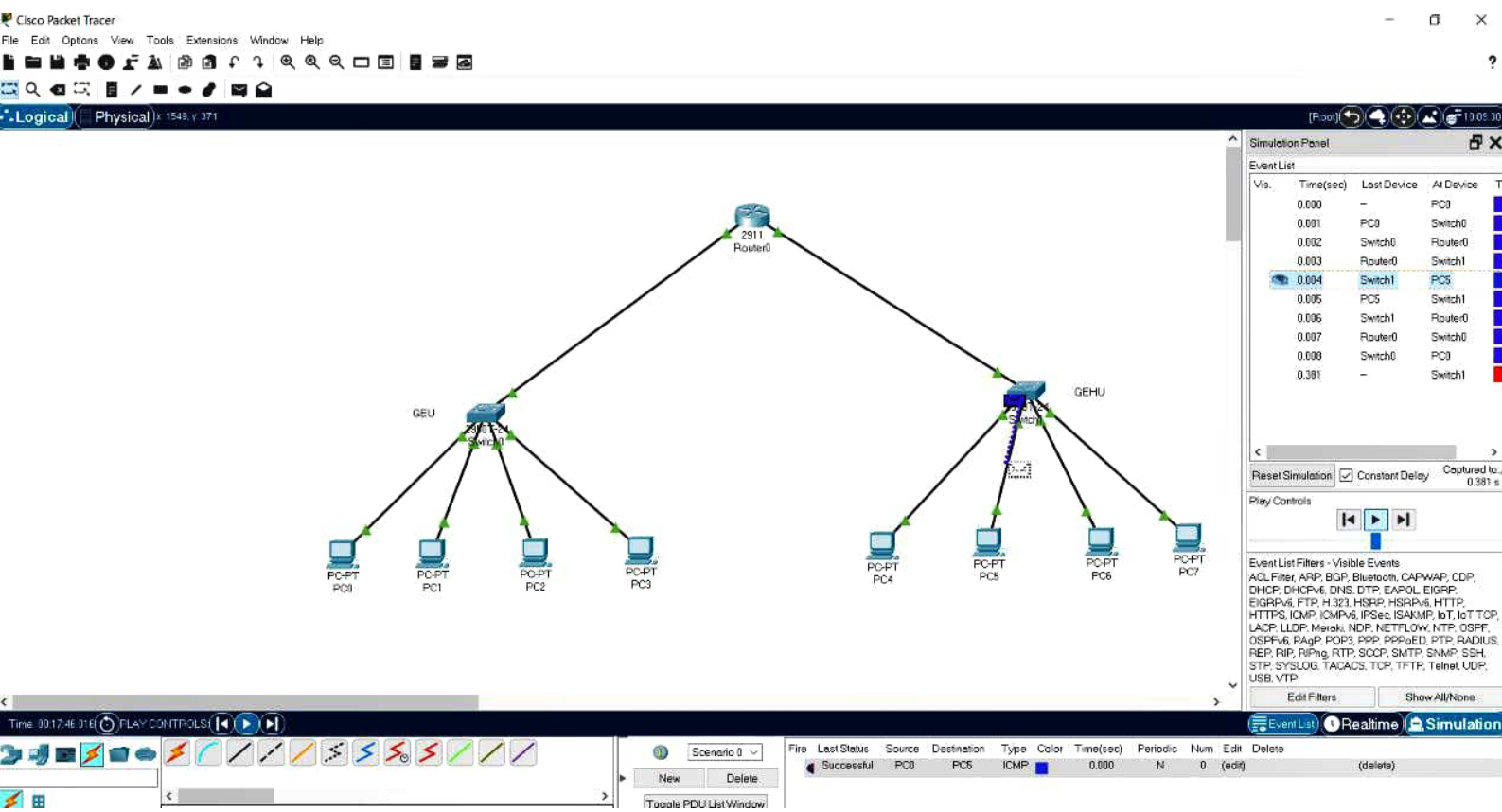
Step 1 :- Create two LAN (GE0, GE1) using switch and make the connections between the end devices and that switch.

Step 2 :- Connect both the switches to the router.

Step 3 :- Router is connected to switch 0 by the interface Gigabit Ethernet 0/0. Set its IPv4 Address as 10.10.10.3. and switch on the port status. This establishes the connection between Router and switch 0.

Step 4 :- Now set the IP address of end devices connected to switch (GE0) Set the default Gateway of all the end devices connected to switch 0 as 10.10.10.3 which is


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
Reset Simulation
Constant Delay
Play Controls
Event List Filters - Visible Events
Edit Filters
Show All/None
Event List
Realtime
Simulation
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
2911
Router0
GEU
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PC1
PC2
PC3
PC4
PC5
PC6
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
0.381 – Switch1
Reset Simulation
Constant Delay
Play Controls
Event List Filters - Visible Events
Edit Filters
Show All/None
Realtime
Simulation
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)