NAME:ROHAN NYATI

SAP ID:500075940

ROLL NO. : R177219148

BATCH-5(AI&ML)

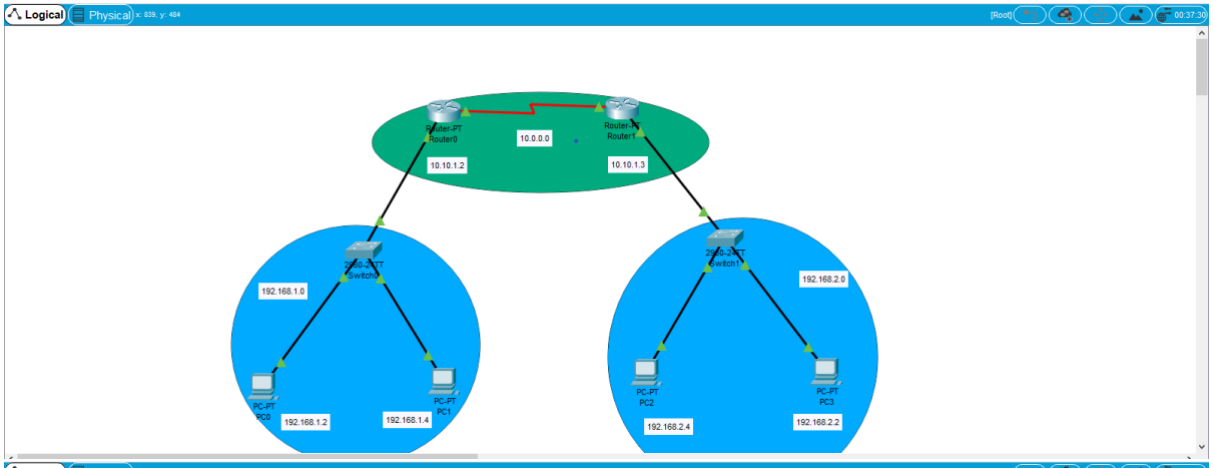
Experiment-7

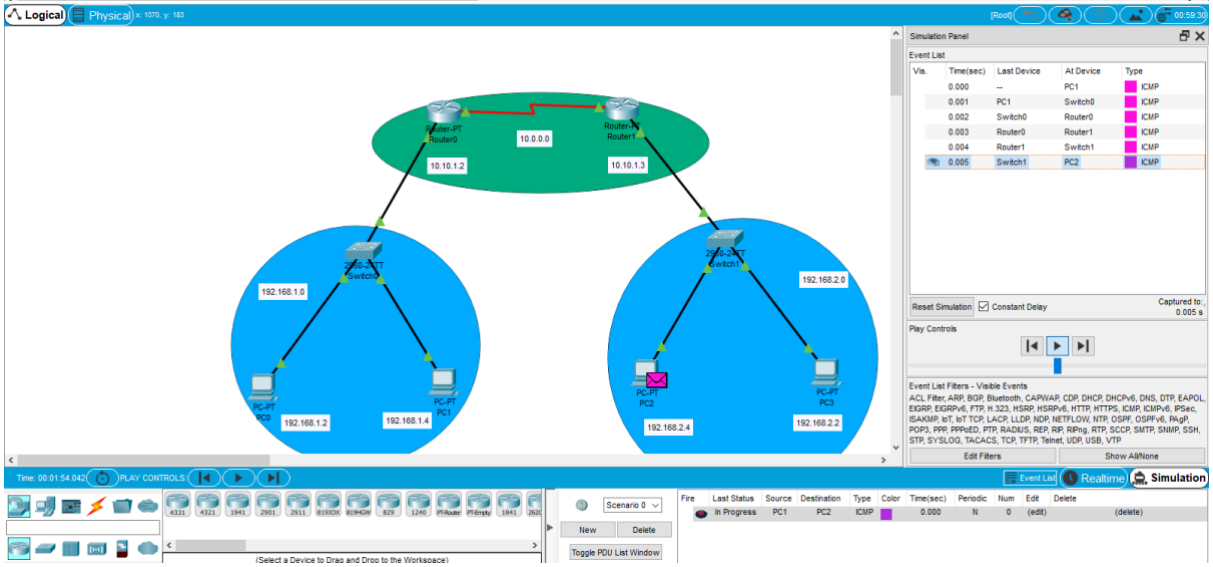
AIM: To connect to network via router through RIP Protocol.

Application Used: Cisco Packet Tracer.

Theory: Routing information protocol (RIP) is a dynamic routing protocol which use heap count as a routing metric to find the best path between the source and destination network.

Conclusion: Successfully network topology is configured using two routers on Packet tracer.


Logical
Physical
Router-PT
Router0
10.0.0.0
Router-PT
Router1
10.10.1.2
10.10.1.3
2960-24TT
Switch0
2960-24TT
Switch1
192.168.1.0
192.168.2.0
PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3
192.168.1.2
192.168.1.4
192.168.2.4
192.168.2.2


Logical
Physical
Simulation Panel
Event List
Vis.
Time(sec)
Last Device
At Device
Type
0.000 -- PC1 ICMP
0.001 PC1 Switch0 ICMP
0.002 Switch0 Router0 ICMP
0.003 Router0 Router1 ICMP
0.004 Router1 Switch1 ICMP
0.005 Switch1 PC2 ICMP
Reset Simulation
Constant Delay
Captured to: 0.005 s
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
In Progress PC1 PC2 ICMP 0.000 N 0 (edit) (delete)
(Select a Device to Drag and Drop to the Workspace)