

## Design a simple topology using CiscoPacket Tracer

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EXP.NO:5B

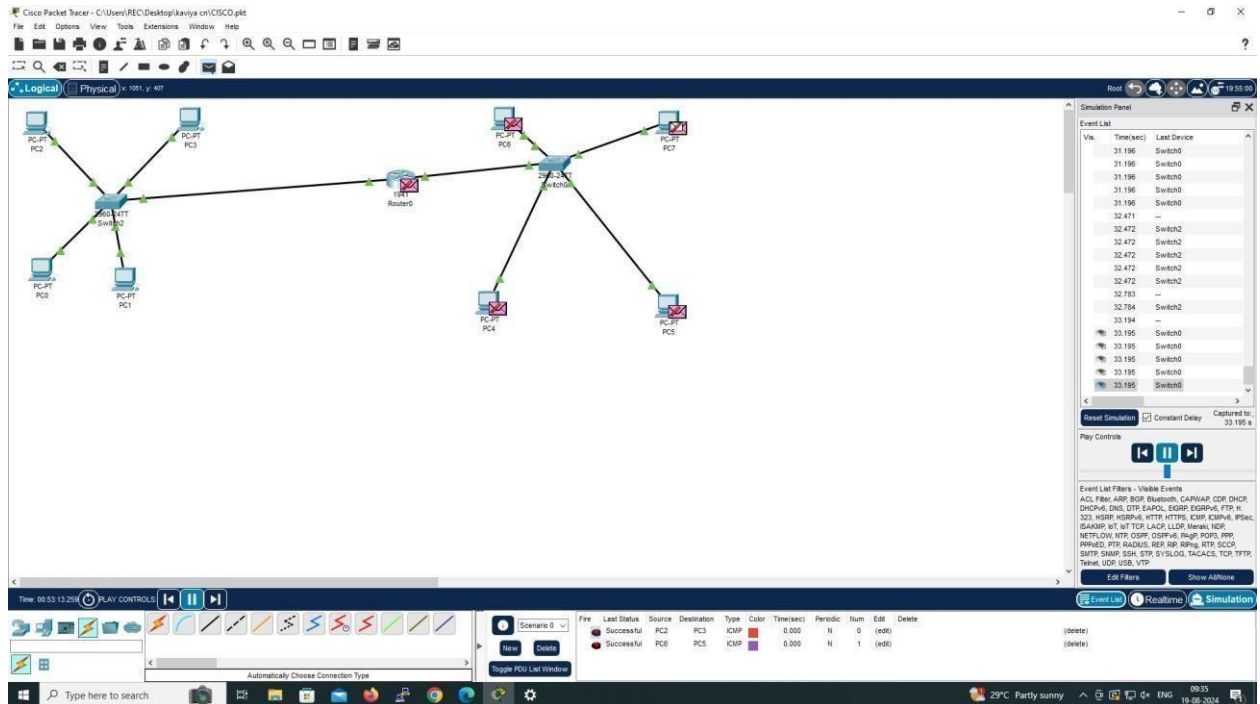
DATE: 20.8.24

**AIM:** To Design a simple topology using CiscoPacket Tracer

1) 2 SWITCHES, 8PC's AND ONE ROUTER:

PROCEDURE:

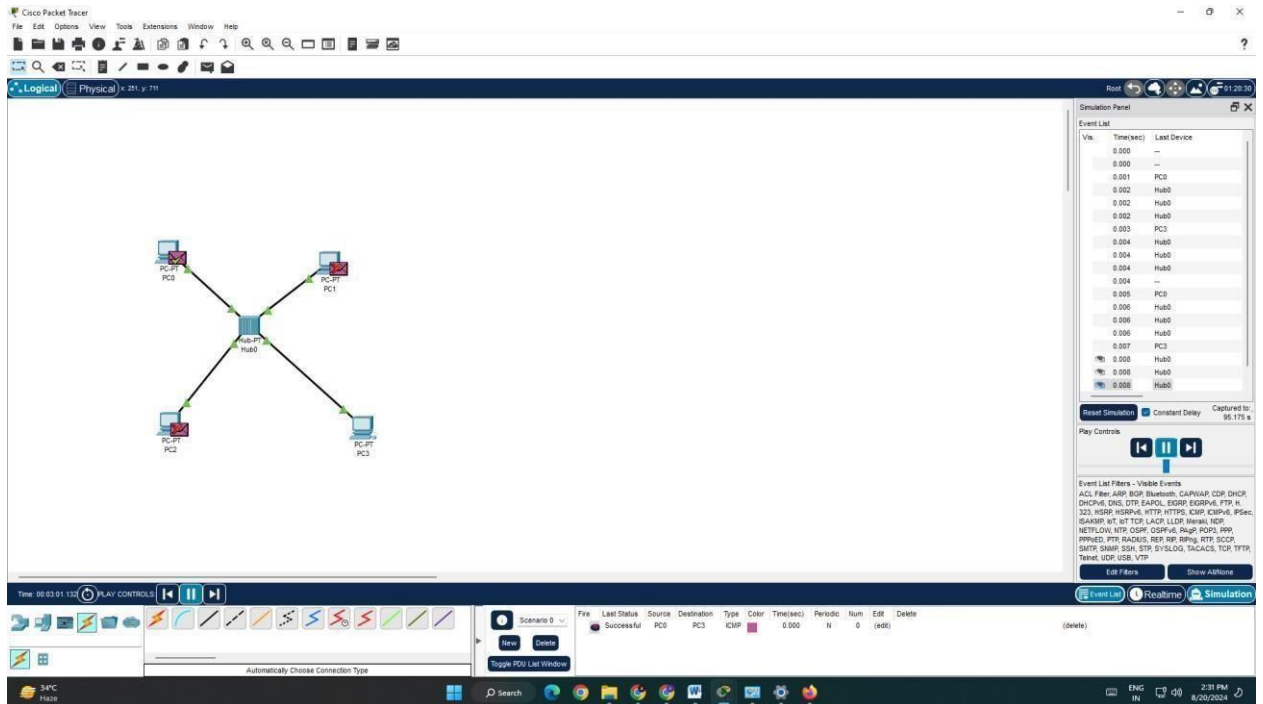
- TAKE 4 PC's And assign ip address.
- Insert a switch.
- Connect the pc's using copper straight through wire using fastethernet ports.
- Implement the above steps again.
- Implement a router
- Now connect these two switches using gigabit ethernet.
- Assign ip address for the gigabit ethernet and enter the ip address in the gateway of PC's.
- Now your topology is ready to be performed.



## 2) 4 PC's AND ONE HUB:

### PROCEDURE:

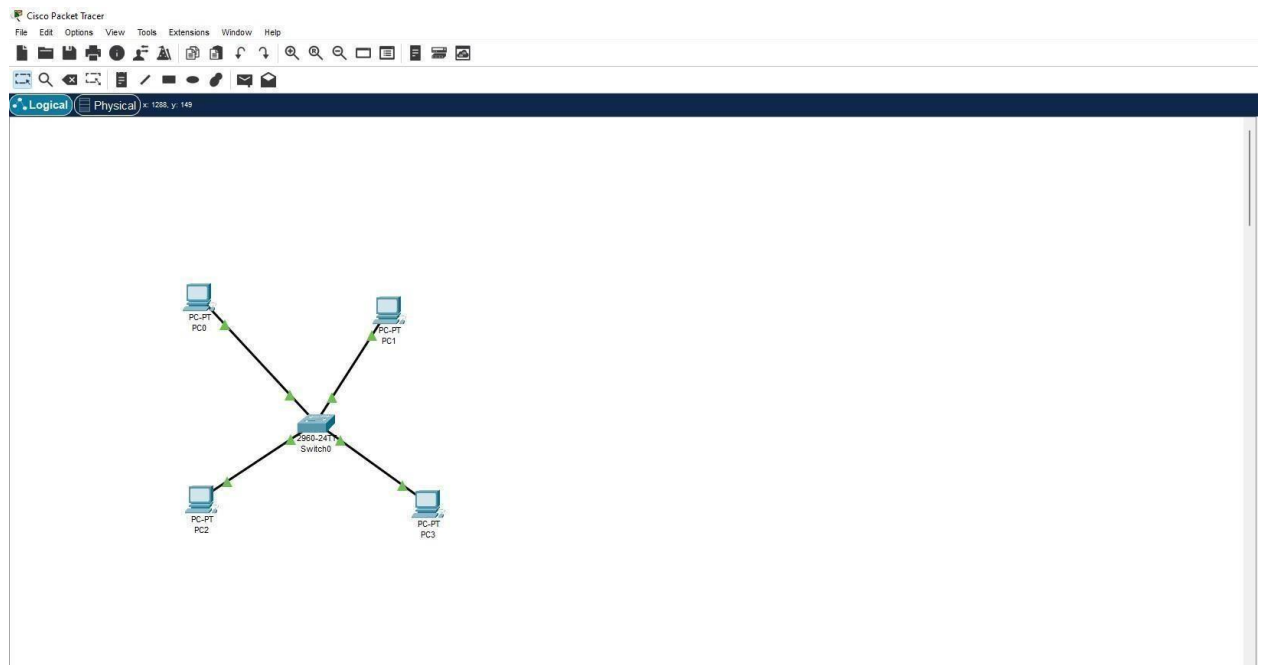
- IMPLEMENT 4 PC's and assign ip address.
- Insert a hub.
- Connect the PC's and Hub using copper straight through cables.
- Now stimulate the message
- Your given topology is studied successfully.



### 3) 4 PC's AND ONE SWITCH:

#### PROCEDURE:

- IMPLEMENT 4 PC's and assign ip address.
- Insert a Switch.
- Connect the PC's and Switch using copper straight through cables.
- Now stimulate the message.
- Your given topology is studied successfully.



RESULT:

A simple topology using CiscoPacket Tracer is Designed successfully.