DATE: 20.8.24

AIM:

To Design a simple topology using CiscoPacket Tracer

TRACER simulator.

1. From the network component box, click and drag-and-drop the below components:

a. 4 Generic PCs and One HUB

b. 4 Generic PCs and One switch

2. Click on Connections:

a. Click on Copper Straight-Through cable,

b. Select one of the PC and connect it to HUB using the cable. The link LED should glow in green, indicating that the link is up. Similarly connect remaining 3 PCs to the

HUB.

3. Click on the PCs connected to hub, go to the Desktop tab, click on IP Configuration, and enter an IP address and subnet mask. Here, the default gateway and DNS server information is not needed as there are only two end devices in the network.
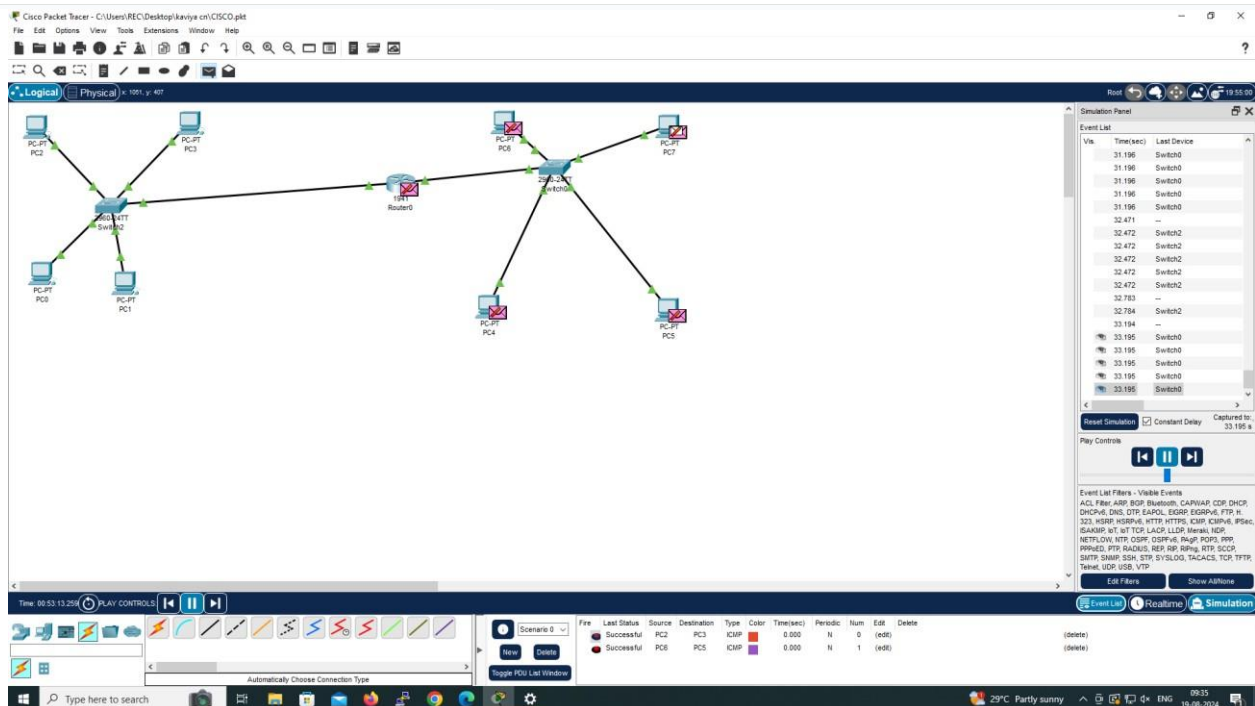
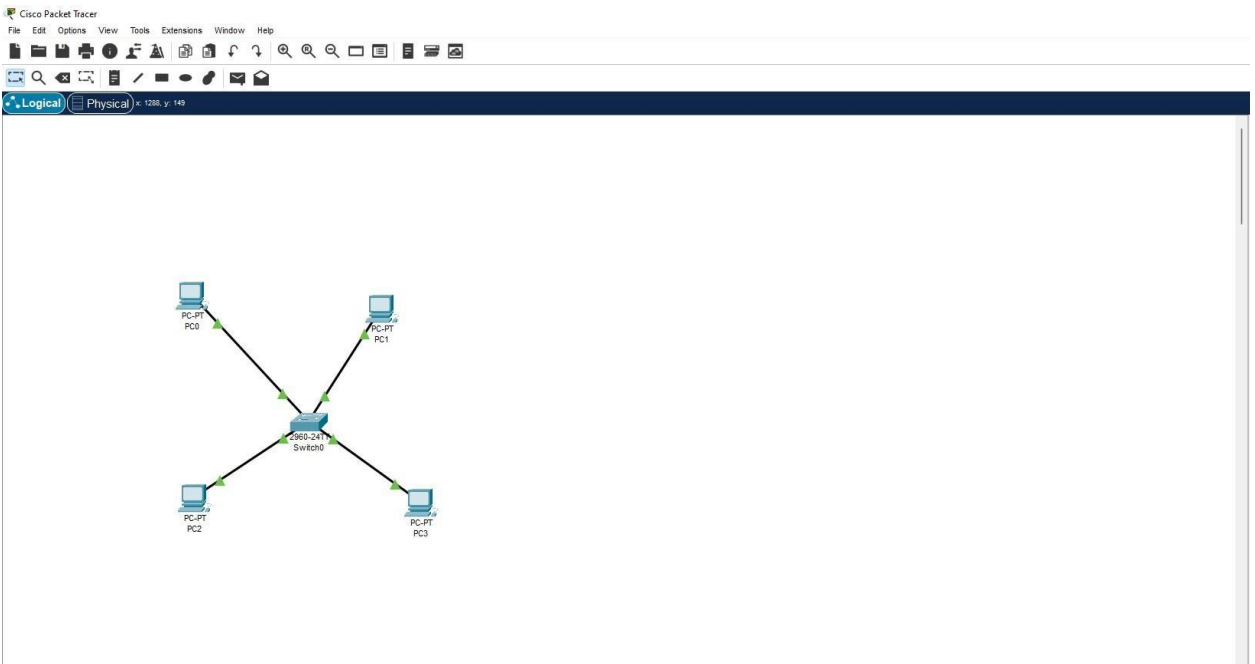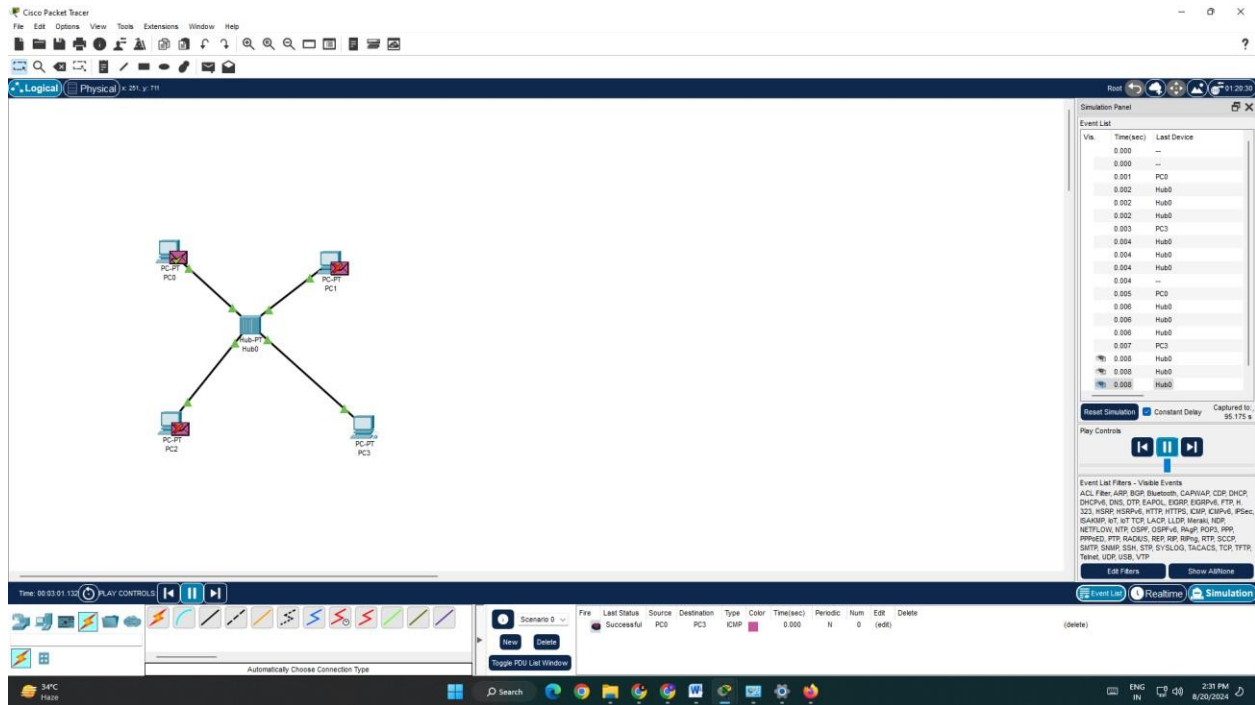Click on the PDU (message icon) from the common tool bar,

a. Drag and drop it on one of PC (source machine) and then drop it on another PC

(destination machine) connected to the HUB.

4. Observe the flow of PDU from source PC to destination PC by selecting the

Realtime mode of simulation.

5. Repeat step #3 to step #5 for the PCs connected to the switch.

RESULT:

A simple topology using CiscoPacket Tracer is Design