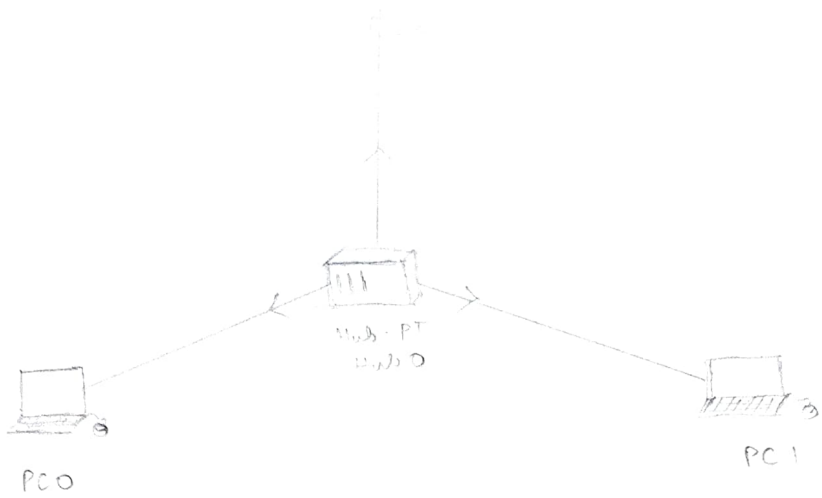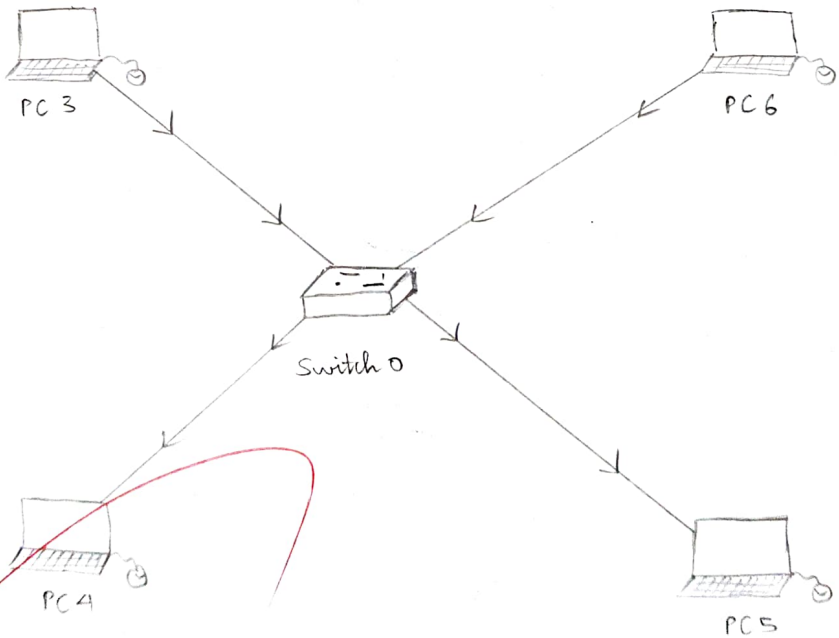# PACKET TRACER TOOL INSTALLATION & OVERVIEW

Analyse the behaviour of network devices using CISCO PACKET TRACER simulator.

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

   a) 4 Generic PC's and one Hub
   b) 4 Generic PC's and one switch

2. Click on connections:

   a) Click on copper straight through cable
   b) Select one of PC and connect it to hub using cable. The link LED should glow in green
   c) Similarly connect all the 4 PC's.

3. Click on PC's connected to hub, go to desktop tab, click on IP configuration and enter an IP address and subnet mask.

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 all the PC's connected to the switch.

6. Observe how hub and switch are forwarding the PDU and write your observation and conclusion.

HUB :

HUB - PT
Hub 0

PC0   PC 1

SWITCH :

PC 3   PC 6

Switch 0

PC 4   PC 5

Result 7.

Result:

Thus, the behaviour of network devices using CISCO PACKET TRACER has been studied successfully.

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