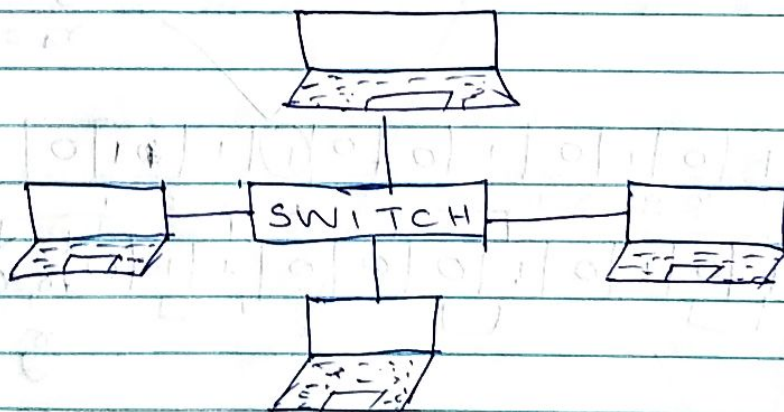
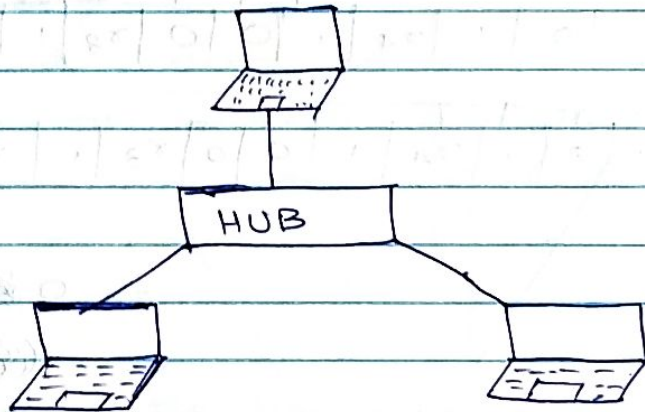


Exercise : 3

AIM :- To study packet tracer tool installation & user Interface.

- 1) To understand environment of CISCO packet TRACER.



1. From network box drag down the components
  - a) 3 Generic Pcs and one HUB
  - b) 4 Generic Pcs and one switch
2. Click on connections:
  - a) Click straight copper cable
  - b) Select Pcs and connect to HUB.
  - c) Similarly connect Pcs to Switch.
3. Click on Pcs connected to hub, go to desktop tab and click IPconfig and enter IP address and subnet mask.

Pc0	Pc1
IP configuration	IP configuration
IP configuration	IP configuration
<input type="radio"/> DHCP <input checked="" type="radio"/> Static IP Address     10.1.1.1 Subnet Mask   255.0.0.0 Default gateway DNS server	<input type="radio"/> DHCP <input checked="" type="radio"/> Static IP Address     10.1.1.2 Subnet Mask   255.0.0.0 Default gateway DNS server

check on the DDU (message icon) from command  
 a) Drag and drop it on one of pc & then drop it on another PC connected to HUB.

4) observe the flow PDU from source PC to destination PC selecting the realtime mode of simulation.

5) Repeat step #3 to Step #5 for PC's connected to the switch.

6) observe how HUB & switch are forwarding the PDU & write your observation & conclusion about the behaviour of the switch & HUB.



Student observation:-

- a) From your observation write down the behaviour of switch & HUB in terms of forwarding the packets received by them.

HUB:- The hub forwards data packets to each on every connected computer.

SWITCHES:- It forwards the data to a specified destinations.

- b) Find out the network topology implemented in your college and draw and label that topology in your observation book.

~~Result:- Thus the study of packet tracer tool installation and user interface overview has been successful.~~