AIM:

To study the packet tracer tool installation and user interface overview.

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

1) components:

    a) 4 Generic PC's and one HUB.

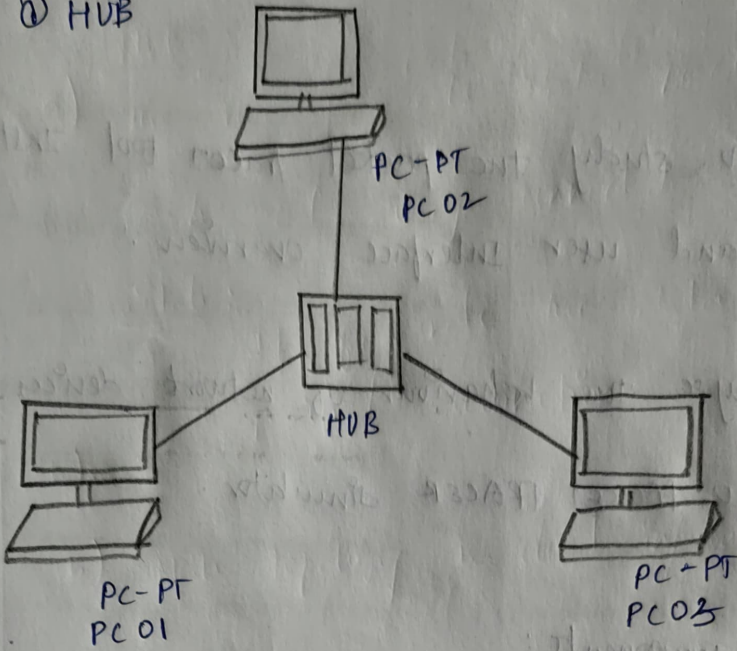   b) 4 Generic PC's and one switch.

2) click on conn's::

    a) click on copper S-T cables.

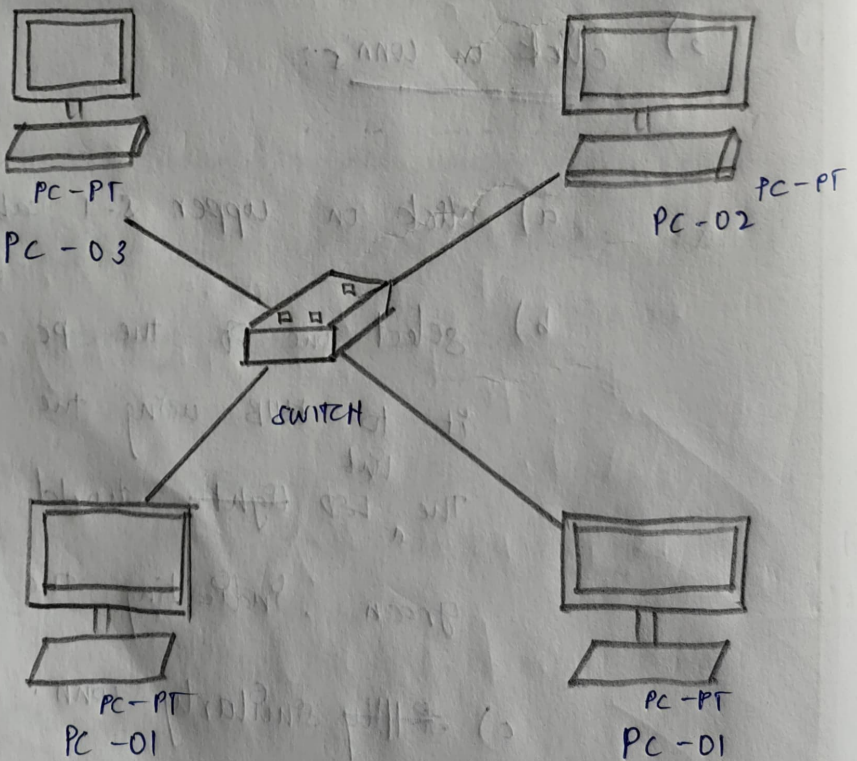   b) select one of the PC and connect it to HUB using the cable.
    The LSD light should glow in green, indicating the link is up.

    c) similarly conn. 4 PC, to the switch using copper st cable.

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① HUB

PC-PT
PC 02

HUB

PC-PT
PC 01

PC-PT
PC 03

② switch.

PC-PT
PC-03

PC-PT
PC-02

SWITCH

PC-PT
PC-01

PC-PT
PC-01

3) click on the PCs connected to hub, go to the Desktop tab, click on IP config. and enter the IP address and subnet mask.

Here, the default gatway and DNS server info.

PC01	PC02
Ip. config.	Ip config.
O DHCP ⊙ static	O DHCP ⊙ static
Ip. addre.: 10.14.1	IP addre: 10.14.2
Subnet mask: 255.0.0.0	subnel marb: 255.0.0.0
Default gateway:	Defauld gateway:
DNS server:	DNS server:

click on PDU from the common tool bar,

a) Drag and drop it on one of PC and then it on another PC to the HUB.

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

5) Repeat step #3 & #5.

6) observe the HUB and switch are forwarding the PDU and write your observation.

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To reduce interference