Aim:

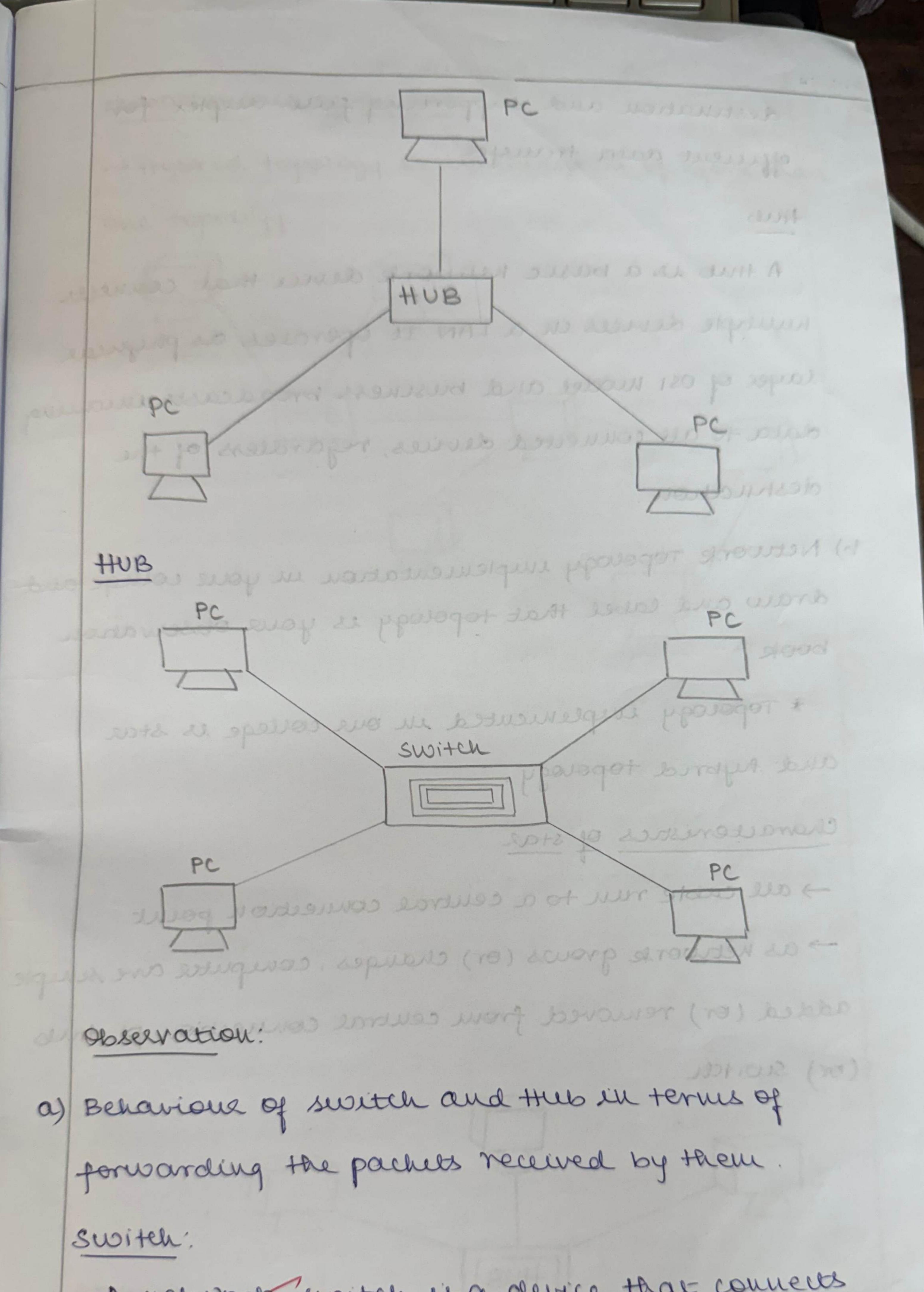
To study the packet tracer tool Installation and user Interface overview.

CISCO PACKET TRACER Simulator

- I From the network component box, click and drag-and-drop the below components:
 - a. 4 Generic Pc's and one Hub.
 - b. 4 Generic Pc's and one switch
- a click ou connections:
- a click on copper straight Through Cable,
- b. Select one of the PC and connect it to the HUB using cable. The link LED should glow in green, indicating that the link is up.
- c. similarly connect 4 PC's to the switch using copper straight-through cable.
- 3. click and pris connected to hub, go to desktop tab. click 1P configuration and enter 1P address.

click manage icon from common tool borr,

- a) Drag and Drop it once of PC and drop it on another Pc connected HUB.
- 4. Observe the from of PDV from sander to receiver by selecting realtime mode of simulation.
- 5. Repeat step 3 to 5 PC's connected to switch.



A network switch is a device that connects numbered devices within a LAN and routes data between them using MAC addresses. It operates at the data link layer, directing Packets of the worect

destination and supporting full-duplex for efficient data transfer.

Hub:

A thub is a basic network device that connects multiple devices in a LAN. It operates as physical layer of osl model and business broadcasts incoming data to all connected devices, regardless of the destination.

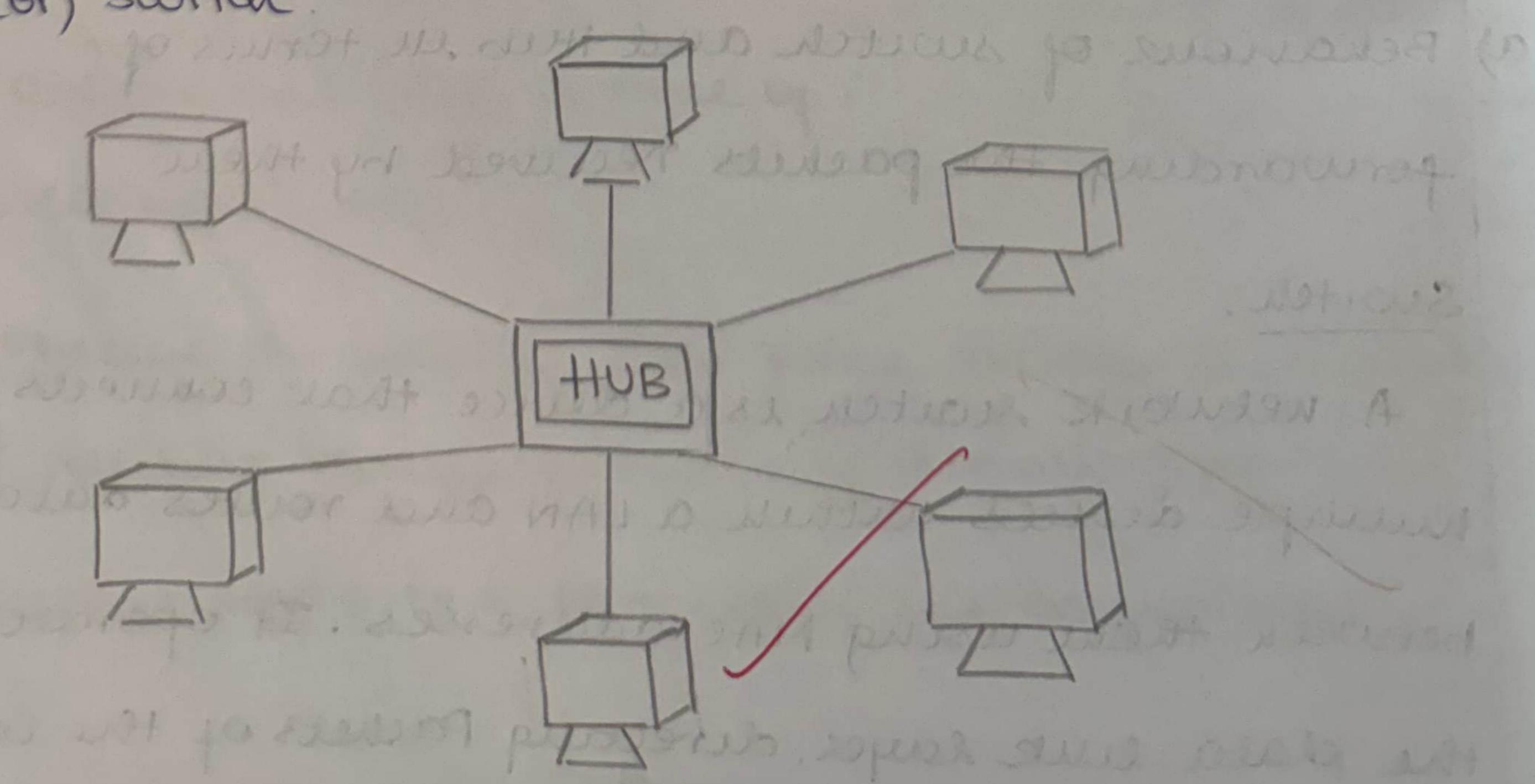
b) Network Topology implementation in your college and draw and label that topology is your observation book.

* Topology implemented in our collège is star and hybrid topology.

Characteristics of star

-> all cable run to a central connection point

→ as network grows (or) changes, computer are simple added (or) removed from central connection pt thus (or) switch.



characteristics of Hybrid -> Hybrid topology is combination of more than one topology. 32113 34403323333 109713 313333 1 The 1999 31111 37 350 164 144UBI 5 17 13 5 0 911 322 CA 4339 H the former of the present of the british belond the 110130000 Jugarigaria THE PROPERTY OF PARTY OF PARTY OF THE PARTY Steps von tong to the continue of supress to may some THE PETER WHILE IS SUPPLEMENTED FOR MANUFACTURE FOR THE STEPSES COUNTY SERVICE CONTRACT CONTRACT OF TOUR SERVICE CONTRACT ON THE SERVICE CONTRACT OF TOUR SERVICE CONTRACT OF TOUR SERVICE CONTRACT OF TOUR SERVICE CONTRACT OF TOUR SERVICE CONTRACT OF TOU MALLONE STRONGER OF STRONGERING STRONG STRON 19311032 920011111 213012 0934 3333 Thus successfully studied the packet traces tool analysed the behaviour of network.