Aim: one EMC one parenty bull some To study packet traces tool installation and user interface treater all as counts be out

and enter an IP address and subside mass.

Analyze the behaviour of network derrices using CISCO Packet Tracer Simulator

1. From the network component box, dick and drag-and-drap the below components

o. 4 Generic PCs and One HUB b. 4 Generic PCs and One Switch

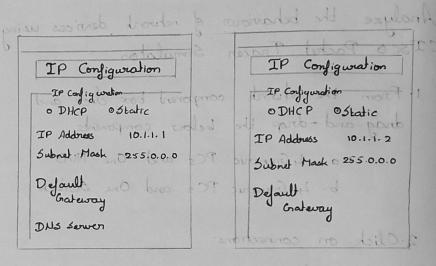
## 2. Click on connections:

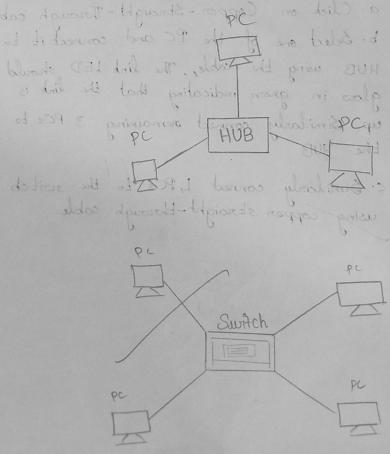
a. Click on Copper-Straight-Through cable b. Select one of the PC and connect it to HUB using the cable, The link LED should glow in green, indicating that the link is up. Similarly connect remaining 3 PCs to the HUB

c. Similarly connect L. PCs to the switch using copper straight-through cable.

3. Click on the PCs connected to HUB, go to the Desktop tab, click on the IP configuration and enter an IP address and subnet make.

Here the default gateway and DNS server information is not needed as there are only two end devices in the network.





Forom your observation write down the behaviour of Switch and Hub in Lerms of following the packets 'received by them

- Forwards data packets to each and every connected computer.

Switch upon towers two no of prodest prodest - Forwards data La specified destination

Find out the network topology implemented in your college & draw and label the Lopology:

Mesh Topology

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Result: " toust to bus traded bil) ?

The study of packet tracer tool imp installation & user interface overview has been successfully completed.

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3 Configure basic sellings 4 hough TP address