Chile on It configuration, and enfor an It address and subject marks. Here, the default galacian and pres server information

is not needed as there are only two end devices on the rel: mil To understand environment of CISCO PACKET TRACER to design simple network.

A simulator, as the name suggest, simulates retwork devices and its environment. Paddet Tradeer is an exciting network design , simulation and modelling tool.

1. It allows you to model configuration and trouble shooting ékills via computer as mobile devices

2. It allows you to model computer systems without the need for dedicated carriement need for dedicated equipment.

3. Protocols in Packets Tracker are coded to work and behave in the same ways as they were on real hardware.

Analyse the behaviour of network devices using eisco PACKET 1. From your observation write down t TRACER simulator.

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

forwarded in a very instant

a) 4 Generie Pes and One HUB

b) 4 Generic PCs and One switch

- 2. Utile on Connections:
- a) click on copper straight-through cable
- b) delect one of the PC and connect it to HUB using the cable . The link LED should glow in green. Indicating that the line is up sincilarly, connect remaining 3 PCs to the MUB
- c. Similarly, Connect 4PCs to the switch using copper stright through Cable.

3. Click on the PCs connected to hubigo to the Desktop Chile on RP configuration, and enter an IP address and submeh marke. Here, the default gateway and DNS server information is not needed as there are only two end devices in the network clude on the PDV Conessage lion) from the common tools

a. Drag and drop it on one of the PCs (Source machine and then drop it on another pc (destination machine) cornecte Padak, Tradar, on a mile Mills and a restart, Labor

4. Observe the flow of PDU from source pc to distinction pc by selecting the Realtime mode of simulation.

5. Repeat step 3 to step 5 for the PCs connected to the swith 6. Observe how Hus and switch are forwarding the PDU and write your observation and conclusion about the behaviour of switch and HUB.

n the same ways as they wer

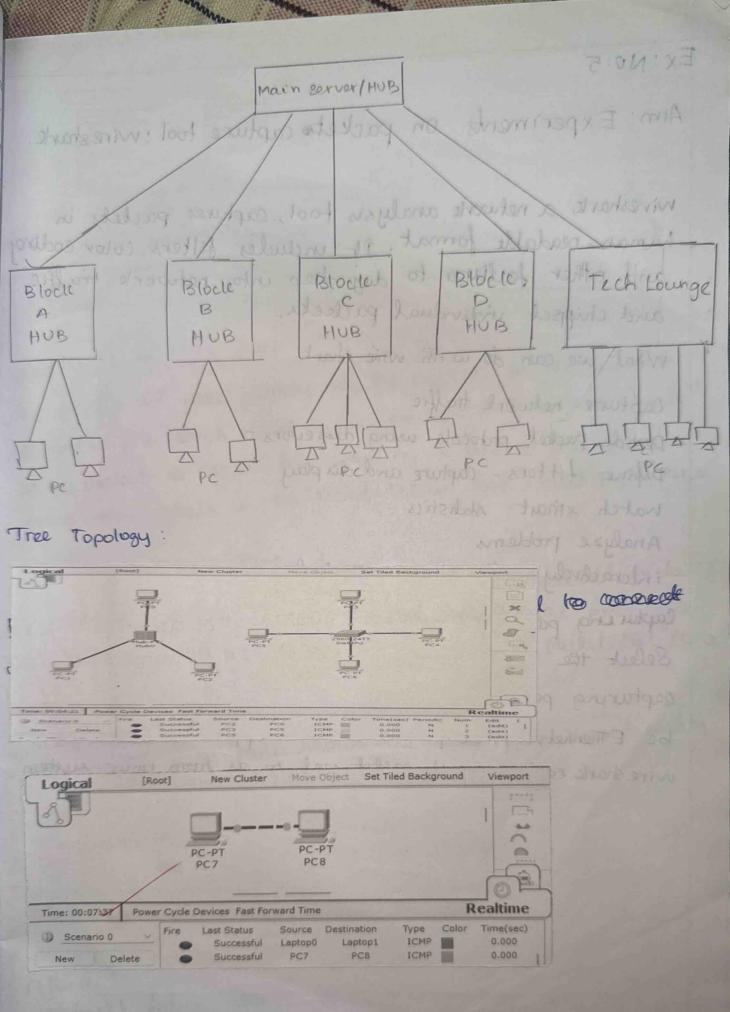
-> Student Observation:

1. From your observation write down the behavior of switch and AUB in terms of forwarding the packets recived by them:

Both the switch and HUB acts as the middle part for all the pcs cnodes) connected through this. The nacesages are forwarded in a very instant manner and an animation is shown in real firme

2. Find out the network topology uniplented in your colly and draw and label that topology in your observation on a priming formation of priming prim

against a medical contract to the granger police of



Rosult: Hence the CISCO tracter was used to connect Switches and Hubs toppes