To Skedy the packet trades bool installation and user interface overview.

d) Analyse the behaviour of network derices using cisco packet troops Simulator.

I From the network component tox, click and drap the below components:

- a) 4 Garesic PCs and One HUB b) 4 Garesic PCs and One Switch
- 2. Click on comedions:
  - el. Click on copper straight -t b. Select one of the PC and cornect it to HUR using the cable . The link LED should glow in green, indicating that the link iscup. Similarly correct remaining 3PCs to the HOB
    - c. Similarily Connect 4PCs to the Scritch wing copper Straight through cable.
  - click on the PCs connected to hub go to
    the desktop tab, click on IP configuration, and enter an IP address and Subret made. Here the default generally and one server information is not needed as there are only two end devices in the notwork.

- Click on the POU from the common tool bar,
- a) Drag and drap it on one of PC and then drap it on another PC corrected to the HUB.
- 4. Observe the flow of PDU from Source pc to clastination Pc by selecting the Realtime mode of Simulation
- 5. Repeat Step 3 to deps to 8 the PLS corrected to the Switch.
- 6. Observes how HUB and switch are to recording the PDU and write your observation and conclusion about the behaviors of switch and HUB
- a) From your observation write down the behavior packets received by them.
- b. Find Out the notcook topology implemented in your college and down and label that topology in your Observation book.

eng fort warred sept what any our me good box pad (1) acid and at laborated to the HOB In one of PC and than drop Observe the flaw of 190 from seems 10 to my spectry the Realisms order of HUB-PT Hubo has the and suitch are topocating PC-PT DEN 19 PC\_ PT the the and water your observation and cond about the between of switch 1408 PC4 PM 4960 - 24 77 Switch o First Oak the nations tespology 19-09 leave in you absertable book

PCO 1P Contiguration IP contiguration tp configuration (P Condiguestion O DHCP OStatic O DHCP O Static 1P Address 10-1-1-1 1P Address 10.1.1.2 Subnet Mask 255.0.00 Subnet Mask 256.0.0.0 Detault Defout Godteway Grateway DNIS server DNS server.

a) from your Observation write down the behaviour of Switch and HUR in Leims of following the pockets received by them

connected computer packets to each an every

Switch:

It tornands to data to specified destination

b) find out the network topology implemented in your college and draw and loser the topology in observation.

Result. Much to pology is used in our college

Thus the Study of packet tracer tool installation and user intertace overview has been done successfully.