Experiment:3 Dute: 30/7/24

Aim:

10 analyze the behaviour of network device using cisco pocket trouve Simulator.

ALO JE

Styra:

(1) from network component bon, click & drop & drop The below component.

Cas a generic PC's & one hub. (b) a generic pc's & one switch.

(2) Click on connections. (as Click or copper straight through Cable (b) Select on PC & cornet to hids, The book NED Swould glow Igreen.

(c) Similarly convert upus to me swith

I has difficult of person when

how been studieth.

(3) clock on the PC's connected to tool 1400 then clock I Config.

The click I Config.

Enter 1 Paddress on I C4 address box

Then close.

Con cerch on Pdu (resnoge ices) for common tool bour. dray edrop if or one of Pe e drap or another Pc.

(4) Observe the flow of POO from some to destination by aliching simulation for right bother.

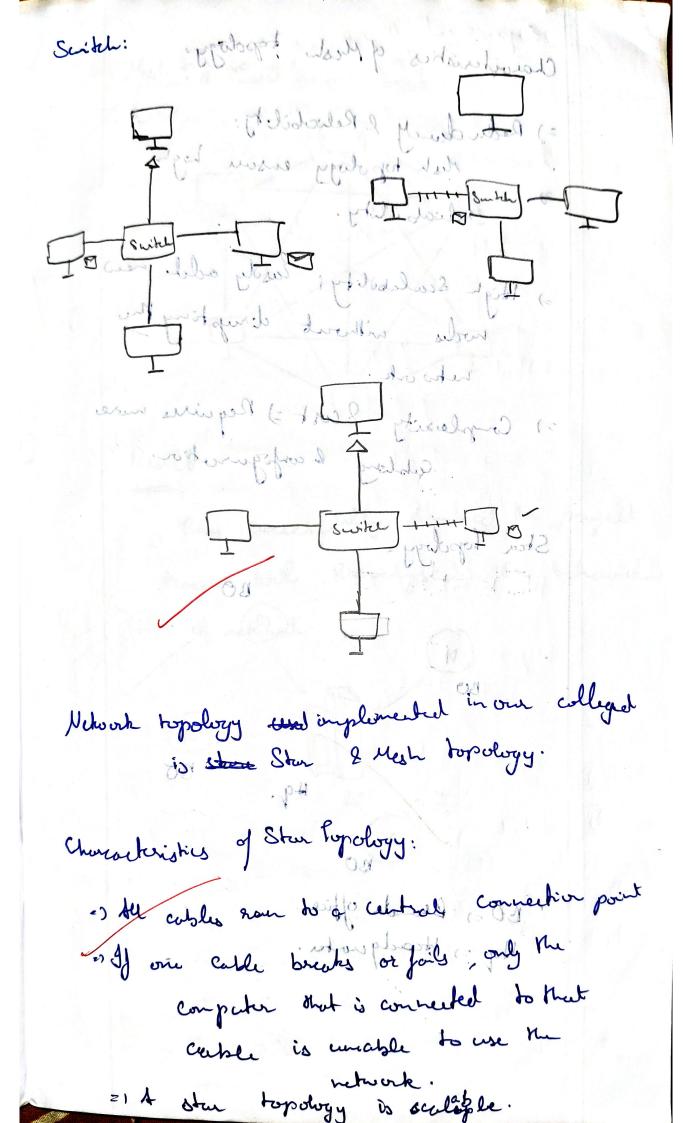
(6) & Repeat the some for. PC's connected to switch.

(6) Observe.

Observation:

Due porteet is sent from one Pl the Due porteet is sent from one Pl the tests hubs knowled court the prochet to all competed pe's of regardlers of intended destination. This means all primated destination. This means all pe's recieve packet by only intended recipient process it, others ignore it.

Suith Such uses Muc voldres to identify devices when a peachet is sent from one por the switch cheeks distinction Noe oddresses ad forward the packet only to the port associated with thost addresses of goods pondo Help:



Charocheristics of Mesh topology 2) Redudency & Reliability: Mish hypology ensur hogh Reliab olity. => High Scalability i Easily add new wells without dirugating the helwork 3) Complexity & cost =) Requires more Culsting & configuration Sten Topology: 00 Characteristics of Star topolates BO or Broader offices was allow the all the experience of the start one of the computer that is consented to that cuple is unable to use the

A store topology is suliple.

Carrier & Mich typology. Result: Thus succesfully studied the project tool & arelysed the hel Plan le des reduced lope 23