10/11/22 AIM: - Creating a topology and simulate stud ing a simple PDU from Source to distination Using hub and switch as connecting devices. Topology = HUBO Hub'-(9 Switch :-Switch - PT Switch- 0 th run 0 .0.0.3 10.0.0.4 10.001 10.002 Switch 4105-2 HUby Shot by uday 006 1000 1000 1000 PIO PC1 712 P13 10.0-09 10.0011 10.0.01 10.0.02 70.0.0.3 (0.0.0.0)

Procedure'-1. Plane 7 generic Pc's and I general hub in legical Workspace and all 7 Pc's are connected to labby Copper straight wire. 2- est each Pe's With IP advers from 10.0.0.0.0 to 10.0.0.6 respectively and Conne - ct cach Pe to but by Copper estraight 3. A stimple PDV & placed on any 23 devices and message / parket passing can & be stren in Simulation made by didn'to autolaptive. 4. In seatine mode a domand prompt of spend for evitain PC & Jollowing Command prompt of the spend of the given to transfer mensage PWOD destination IP odrum Je generic Pc's and one generic Switch

18 placed on logical workerpare

The orderess for each Pc from 10.0.0.7

10.0.0.10 and Connect each Pc

to switch Deing Copper straight wide:

In Simulation mode after placing Slimple

PDU to any 2 PC'S clicle outto Captore and pallet transfer con be sun!

> In real-time mode clicle on any Pc and open Command promp and of # Hybrid! are pland onto logical workspane 23-generic hubs are connected to switch use copper cross-over wire and 12 pers are connected to 3 hubs, up each using copper estraight wire assigning IP advors for each Pe from 10.0.0.0 to 10.0.0.11 regulively. -) After Ocluby & Pe's from different hubs With dingle-PDV and diclerg on auto-Capt - Use parked parshy dimulation Can be dien fin Demulation mode > In realtime made open command prom -pt by cliclong any type pinos dut sp add rus 1 to Blind Parket. Observations! re * Huy but only dutination durice Sends and Sends only Sends only Shot by uday huls for Some Sends and

Source to get ouspone. To end-devices quidely and alignals by green-light Result -PINO 10.0.3 PINALADA 10.0.0.75 With 32 bytes of dias REPLY FROM 10.0.0.3 bytes = 3 time - one PINOT STATISTICS FOR 10-0-0-3 DETAILS of how many parkets buttand learning observation! I valice hub, swith downot give gran Signal immediately bot takes Stome amount of the called learning time and the pauleets blan be bent once green slighed lanks bent once green slighed lanks generated.

Dinitially shvitch also broad cards for all end-devices and the next time The Communication happens & message passing hoppers only between courd and distributing dui as Result -PINO 10-00-6 PINGING 10-0.0.5 With 32 bytas of data narzo Shot by uday

PM OT STATISTICS
Details of how
and reviewed". FOR 10.0.3 many pails ats sunt * Hybrid learning outcome: to Switch is soft to dutication hub Which broadcast to all devices of that hub and only destined end devices stands book gusponse to slower of other hub. Result :-PINA 10.0.0.4

PINONINO 10.0.0.1e With 30 bytes of data
REPLY from 10.0.0.4 bytas = 32 PINOT STATISTICS JOS 10-0-0.4°
i Details of number of parkats dent and
sevined"