

STD FILL AND SEC. ROLL NO 220701122 NAME A. Kawin Teacher's Page No. Sign/ Title Date S.No. Remarks Study of morious network commands used in Linux windows, 16/2/24 1. 23/7/24 Shudy & Nelwork calles 2 Engreniments & CISCO PACKET 30/7/24 TRACER (simulation tooks 3 Setup and consigure a LAN using a switch and Ethornel calle 618/24 4. Engreriments on packet captures 918/24 6. Esoron consultion at data 16/8/24 link layer (Hamming Gode) 6. Flow control at data link 23/8/24 layor (stiding window Protoco) 7 10/9/24 Stimulate visitual LAN 81 Cisco Parket Traver 30/9/24 in cisco packet tracer on. 4/10/24. Internetworking using stouter and internet cloud 10. 8/10/24. Stimulate static routing Bodad 11 < consiguration using CISO Packet & RIP echo client TCPLUDP sockets 15/10/24 chart elient server TEPIUDP 12. 22/0/24 write own Ping Problem 13 14 25/15/20 Daw sockets to implement Packet Snibbing webilizes tool 15. 29/10/24 leter DNP Palaniappa

Eng. no : 12 Practical -12 : 15/10/24 Dale Aim a) Implement subs client server using TCP/vop Dockets client import socket import lime del joing_server (host=127.0.0.1', port=12345) with socket socket (socket AF-INET) Socket SOCK_DOTRAM) as S: s. Bend to (6" Hello", (host, port)) except Porint ("Request bimed out") ib-name -- : main ". ping-servery Sewer: 108 as assumed giving an import socket deb start = sower (host=127,0.0.1, port = 12345) with sacket. Sochel (sockel AF-INET, sochel soch DOIRAM) ass 5. bind ({host, yout)) Posint (8" UDP server sunning on shost? While True! data, addr = S. Hecubern (1024) Print (&" Received marrage from {add: } ¿ data. decode () 2") 18 -- name == " main ="; start - server (1 Output Python sower. Py VDP server gurning on 127.0.0.1.12549 Received message Islam (127.0-0.1, 59290) Hollo

Python lient py Received Treply from server. Hello, client b) Implement that client server using TCP/UDP sockets. Chat- Sow. Py import sochet des securi(): Port = 12345 host= 127.0.0.1, 59290) Hello Python Gaent pry Received reply from server Hollo, Wient with socket socket (socket AF_INET, Socket. SOCK-DUTRAM) as s S. bind ((host, port)) while (True) cl: add 25. Frecy from (1024) Print ("client", & d. decodec) ?) a = input ("Enter reply") S. send to (a. encede(), add) is ca = "end") break exit Secural) recvar, py import sockel import time del rewrz(a) host = 127.0.0.1 post = 12345 with socket socket (socket AE-INET, SOCK - DUTRAM) 5. sendto (a. envoder), (host, ports) d.addr: S. Jecv Brom (1024) Print (Ed. decode (12)

While (Tours): a = input ("Enter Hessage") ib (a = = "end"): Decva2(a) perech else Sec V92(a) output Python chat-serv. Py Enter reply hello Client ("How are you"? a Enter Reply I, mas bine out accepted with Python . I recur. py & to (HAMING NOO) Enter message hims, seems denies & hello 13 while (Trush) Enter messages How are you { Im Bine 3 Enter message 200002 00 30 Jones 2 1" Lord" = 2001-81 140000 () Legos wrote 8 + just output The program is successfully in executed and output is weribied 1300 MORS VOUS 18:3805