Exper: 190 Echo cliporto sorvor uering TOP/UDP 800 kets To Pm plement echo client server using replus Sockets Algoer thm Brusy py → Create a UDP socket -> Birthd socket to specific ip address CDT.O.O. Dx post (12345) -> continuous listen for Procoming newsage -> when musage secented -decode it Tolsplay message along with sender address - Repeat Infinitely. dent py. -> create UDP socket - Set timeout for socket to avoid - and predefined murage hellow to Secures IP address & port 12395 > close socket after sording newage Code Scorner ba Proport (socket def start_server (host = 127.0.0.1 best = 15342): with eacher socker (socker AF_INC Socket . Sock - DGRAM) as s

8. band ((host, post)) While True. data, addr = s. necutrom (1024) point(f" Received message from Food A 3: decode () 3") Pf __ name __ = "main__": Startserver () client.pg def pring-server Chost = 12.7.0.0.1, port = 12345) WITH SOCKET. SOCKET (SOCKET. AF_INET) Socket . socket - DGRAM) as s: S. Honeout (5) 3 send to (b Hello' (host, post)) point ("message sent to server") except socket. Homeout: p8 nt ("Request Arned out") % -- name -- == "- main -" pring - server() Server.py Terminal - python server . 79 TUDP sower running on 127-0-0.1:12345

client py Terminal -python client py musage sent to server Insuren terminal: Received message from (127.0.0.1', 56003): Hello and the production of the thus the program of echo cline server using upp sockets has been Amplemented & oxecuted successfully.