by terns darry : 40 EXP. NO: 12 Date : P. 1.0.0. 121.0.01 Pinning on 127. Received mossage from (121.0.0.1, RasmiA a) Inplement echo client derver using TCP 1099 Dockets. Encived weld from down: Hello, chart Client: b) Trophement chat cheert sences 1900 10 import socket import time det plug_ server (host = 12+30:0:16, post = 12345): with socket socket (socket At INET) Socket. SOEK - DGRAM) OS S: ty: 1.0.0, rej = toi) 1002, Paul -719. 80, Send to 626 "Hells" & Chast, port)) :2 no (Mayor sexcept s. timeout: ("Ho! Print" Pegnest & timed out") 14 - name : (== "main" ! .) !! (1911) moth of Pring 2 server (1) Print (" elient ", if a . decade () ? Somer: white a significant Import Cocket & def Start. Server (host = 127. 0.0.1, Port = 12345); WHY Socket . Socket C Socket . AF - INET, SOCK DORM C. Sha C Chost , POH 1) " "VOD " Print (+"UDP server rounning on Chest 4. write Hornis white The: : (10) & + 10 st jub data, addr = 8. recyform(1024) print(f" Received message from haddry: isoso , The M. soloes pros. har f data. de codely) 1f -- name = - main ":

5xp. No: 12 olp: pydaon server, by VDP Server running on 127.0.0.1:12345 Received mossage from (121.0.0.1, 59290). python client py Received reply from Server: Hello, Ctrent 6) Implement Chat client Server wring Sockets: impost twee · (en c chat der v . o Py c 1 = +ort) rov ro 2 - priq jus import socket def recurred: 1000 to 1000 Atro Port = 12345 02 . 1043060 Crost = 127.0.0.1' with Socket Socket . AF _ INET, Sociat. : DOCH - DGBom) on s: Stond (Chost, Port) extraction of the): wind - It do add = Spirecufrom (1024) Print ("client", fd. decode (17) a = input (Enter reply) : (at = 51 = toot 1 0 0 . rel' = tool to (a = = "end") feb S. Send to (a . encoded (), add) break concept to the men cooks to some break · recrez (Ay: 1, was a place a (Frank) is Impart, socret grant with Emport time / real of recrescal: sell stilled : Hebbs A west apposit 512344 "7) thing ("Mossoo to with Socket. Socket Csocket. AF-MET, Socket. Sock. DGRAM) as 5: ! - NOME = - SHOOK - - +1 8. Sort (a. encode (), (host, part))

diaddr = S. recr from (1024) Et ourna Print (Ld. de code (17) while (me): 1 NI A a = input ("Enter Mussage") If (a == " end"): recre 2 (a) Sancer. Py break else: impost soccet (rect = 43 (100) . Fel = 3001) worker _ trope jub LONGE SOCKER, SECRECT (MOCKER, AF ME-19) O SOCKER python t chat serv. Py Client Rihling word of bold to For Reply helps "> sales client f" How are you"y (Enter Reply: Im fines , soloh Python . I necvr. py Enter knessage hi L'hello' y Ester Mersages How are you of Im fue 3 Enter Message. 89. 3000) word troops clif plag server (hor - 107.0.0.1) for (2306). wash Somet social Locket. At will except , som Rosser: Cot distantitant - Thus the program is executed succenfully and the output is verified.