Echo Diene Ex. 12a Dale: 15/10/24 Aim: To umplement who client exerce asing TCPIUDP sockets with Algoenthmo sa tologo (cooler to tologo sidens me dues Scenner. by, 300 (Mastor - 21203 : 4012000 Deleate a UDP osoclar appene ((read, tops)) bird. 8 -) bind the isochet to ispicatic IP address 2 poutre primming some 900 " } bring) unhen menage arraived de code at) display menage along with esender 900 adduens - depeat untinitely Laptor E addurg: dusa. decodo ()?" dient. py -) aute UDP sockel () usues tuski 006--) wet a timeout for isochool to avoid Maple wasting I send a peudetined mensage hello to useuver Ip address 2 post 12345 I dose rocket after wending menage

CODE cheins py seewer. py det stand - verver (host = 127.0.0. 1 det oping with sock pod = 12345): with socket isocket (csocket. DF-INF Doce coocket. Socie- DOIRALD OS S: 8. timeout try: S. bind ((host, part)) at trasas ent by S. wend paint of "UDP osewell aumning on perind 2 host 3: E poet 3: peun! ef -- mar while time dato, addu = 8. Diecroron (10244) volgas ping contract paint of " viecewed message from seewen. 2 addu 3: data. decode ()3" telemin il -- name --= = = - main == "il > bytha Stand seewer () us of todoon with twant >> 12 Quint . 1 Celumn a special derived manage of > pyth Made Its address a better >7 < mod with the tishour Suins

client py det oping - souver (host = 12+.0.0.) , poeil=12mg (93) with socket. socket socket. AF INET socket. Sock-Dovenay) as s-8. timeout (s) tuy: S. wend to (b'hello", (host, read)) bind peund ("menage sent to seever") " Request thried wil") evous 8 of -- mame -- = " -- main -- " youb 6 ping seewer () adde controut: egere Seewen. py . trial Teleminal > python osewer. py mus 6 JEEL: 1.0.0.1:152 to00 6. Quint . py trocu Taleminal > python Client. by Desert) Is menage sent to seemen 2000 Summa Germal: erecenied minage from (124.0.0.) 506003: wello

Result: Thus perogram of echoics Earp:13 Date: 15 esecuted successfully & Windows - Show below & mins Algorid UDP of ((begge ton) Collect d) at bone 2000 ad ("invisor at the apponem") true ("Request throid soul") UDP 36 pythose oscures py 38 DUDP wermen demonstry on 120.0.0 pd . 1 /11 Lo minned Siplion cheil by one wood