Date: 28/10/24 Date:____ Practical-12 Aim :-. a) Implement scho client borner using TCP JUDP Sockets. client: import socket import time def ping senver (2006 - 127.0.0.1) Post = 12345): with socker socker (gocker BE INET, Socker, soc dorarn) as a: S. Sondto (6" hello", (host, port)) except a timeout. print ("Request timed out") of name == "main"; ping _ server (). Server! impost socket def spart server | 20st = 127.0.011, Port = 12345 with socket socket (Socket AF INET SOCKET, sock diram) S. blind (Rost, post)) princ (&" UDP server running on { host3) while True: data, add = 3. reasgorn (1024): brind (& secented wearage from fording: Edata decede () 31") if -- name _ = " main "; Start server ()

Page No.:

CONTRACTOR OF THE PARTY OF THE	
	OIP python Server py
	VDP server running on 127.0.0.1: 12345
	Received message from (127.0,0,1,59290), hello
(4)	python client. py
	Received reply from server: Hello, client
	Shirt your as trait, a vent son American
	b) Implement that ident server using
	top ucp sockets:
	(A.C.) Commercial to the contract of
	chat Berr, py
	import bocket
	def sent ():
	post = 12345
	host='127,0.0.1'
	with socker socker (Socket AF INET, Socket)
9	Sock Daram) as SI
	S. bind ((host, post))
- 1	while (true);
1	d, add = S. receigram (1024)
	print ("client", ¿d. decode ()3)
alin	a = input ("Enter reply")
	S. Send to (a. encoded () add)
	(a == "end")
	break
1/2	exit.
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	1-2- Charles Control of the Control
1/4	76 1

	recieve z.py:	27	
	import socket	1 20 TONE 70.	
import time		Carlo Labor 3	
	def recieves 2 (a):		
4.	80st = '127.0.0.1'		
	PORt = 12345		
	with socket Socket (Socket, AF-INET, Socket, Sock		
	DGRAM) as S:		
	S. Sandto (a. encode (), (host, part))		
	d, addr - s. recinf som (1024)		
	print (& d. decode () 3)		
	ushie (tous):		
	azinput ("enter message") il (a = - "end").		
	if (a = - "end"):		
	break		
(107)	else		
	olp:		
		1	
	pyrhon Ichart Sonv Ry	Python I recur py	
	client {1b,13	Enter message si	
	Enter reply helds	E'hello'z	
	client & now are you'?	Enter messages how as	
	Enter reply : Imfine	you & Ingine 3	
	(11.31	Enter message	
		:10	
	Resielt:		
	Thus the program is executed		
	successfully ex the output is verified.		