1 999 010 11 99 00 connected 2 subnet 2 mask connected gig of, connected gigoli

s solves

Exp No.12)a client 158V&

To emplement echo client server using TOP LUDP ROCKETS.

Algeritam: The destroit bases dasses the

SQVQ.PY:

-> create a UDP socket

-) Bind the socket to specific IP address (127.0.0.1) Sp PSP (12345)

-) continuous listen for incoming message

-> When message received - decode it

-> Display message along with sender address -> Repeat infinetely

client. py:

-> eleate upp sockel-

-) set a timeout for socket to avoid waiting waiting

-> send a predefined message to allow to 800 ver 10 address & port 12345.

-> If no supposse secured in period print timeout message

-> close socket after sending message.

executed. using

code: SERVER. PY def start- server (PLOST=127,0.0.1', POST=1239) impost socket with socket socket (socket AF_INET, gocket. SOCK - DGRAM) as s. bind ((Rost, post)) print 18" UDP SORVER Running on flosty. 100 1000 9% 201 b 8posty") while (Rue: > 201) 1809 98 (100000) data, adds = s. secv grom (1024) print 18" received message from fados ¿data decode() y") eg _name: == "__main__". start-800 ver () expent intinology dient py: import socket impost time def ping-800 ver(Piost= 127.0.0.1', post= 12345): with socket socket (socket AF-INET,

s. send to (b'Hello', 1928+, post)

Print ("Request timed out")

except s. timeout:

" -name -= "_main' "

ping - server()

ROCKET SOCK - DOJRAM) as s:

SERVER . PY Terminal > python solves py >> UDP SOLVER RU client Py Tosminal > python dient >> Message sent SERVER TERMINAL Received messag

output:

Thus, H 800 ves using implemented

1.0.0.1', post = 123451 - AF INET OCK DGRAM) as 5:

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ining on flosty. (posty")

(100 rs1)

- Persent

na 100%

n (1024) rage from fados de()3")

E. AF- INET, RAM) a8 S:

08t)) - (

output: SERVER PY: Terminal > python serves.py >> UDP SONOS Running on 127.0.0.1:12345 client py Terminal. > python dient py >> Message sent to server

Received message from ('127-0.0.1', 56003): Hello

POWER OF PING PING

- exerte upp socket of set a 2 sec

- is a sospense I pong secteved pach

of the me suspense within 2 see prin

ria ofotolo de seventos

Result: 10.0 (01 + 130.0) 201/20 - 120/20 304 Thus, the program of echo dient server using upp socket has been implemented & executed sucressfully.