Expla DATE To amplement acho chent sever curily TCP/UDP YIM > sockets. ALGORATIN :somer.by: -) Buid the socket to specific 1Paddress (127.0.0.1) 2 port (12345) -) containou tester for incoming message -) weren menage sectioned - decody it -> duplay minage along veiter lunder address -) report whilely dieut. by -) orate UPP Socket - Let a timeout for socket to amoid waiting

I send a predefined mensage hello to server 1 Padalum

Legenery dispusses

8 port \$12345. -) I no expone recieved a timeant puriod, print

trainers menson. -your socket.

```
0005
Semer-py
 unport socket
 def start server Chast= 127.0.0.1', port = 12345):
     with Locket Jocket (Jocket AF_INET, socket Jock
                                          - PETRAM)
           ((trog + (chast , port))
            puit (p"vorumer running on Ehost 3: sport 3)
           while The:
              data, addr = &= secv mm (1024)
                                            Eaddry:
              puit (f 'secured message from
                                             decode (13")
  aj_name__ == "__main__ ";
     startsmer()
Cheir . py
 def ping surner (host = 127.0.0.1', post = 12345):
    with socket socket (socket. AF_INET, socket.
                                   SOUK-DEIRAM ) ass:
     s. turieout (s)
    s. send to (b'Hello ", (host, port))
      publ ("nursage done to the senier")
    except socket. Funiout:
        print ( "Request trivid out")
 f-name == "_main_"
   person source ()
```

DUTPUT Sewer-Py

> pyteren server. by 11. 11001 1000 testors office.

UDP Surer runnig en 127.0.0.1:12345

(& voy) & trans requirement reques 700 09) There

(zus es: way, 100 re/ -tond somes tons

: unt iledon

(translation)

chent-by

dota laddy = &= MEVIMM (1924) > pythin dunt. Py

Str. shoots

numage sent to lever

Secur terminal:

SOUK DEMPARA JOES!

lecuried mersage from (127.0.0.11,56003): Hello those today Arkedos (socket Are inter, socket

RESULT:-

thus the program of echo chuit sever ming UDP socket has been umplemented a executed mumbely.

Com being to go the

of the hours

(1 1900) 4 41

teboo was