EXNO: 126 Date: 27.09.25 chent seever using TCPIUDP sak ets.

Aim:

To implement that client server using TCP/UDP sockets

a) server

import socket sound sould will be deb start-server (host='127.0.0.1', port=12345)

S = Socket. socket (Socket-AF_INET, socket.sock-STREAM)

c. bind (Chost, post))

silisten (1)

print ("server is waiting for connection")

((conn, addr = s.accept ()

print ("connected by", addr)

while True: ") tong

data = conn. reco(1024). decode ()

if not data or data lower c) = = "exit":

print ("client ended the chat")

in bleak

print ("client:" data)

msg = input ("You:")

conn. sendal/mag. en code ())

it msg. lower() = = exit:

Print ("chat ended.")

break

```
conn. close ()
 s. close ()
start-server ()
b) client
  def start client (nost = 127.0.0.1, port = 12345).
    S= socket. socket (socked AF INET 1 socket
                                SOUR-STREAM
    s. wonnect (nost, post))
    print ("connected to sewer.")
        msg = input (" 400:")
    while True:
        8. sendall (mg. encode ())
       it msg. Lowell) == 'exit'
              print (" unet orded.")
      (ACONO Break) = Mab
      data = s. recv(1024). decode
     if not data or data. lo wee C) == 'exit':
            print ("server ended the chat.")
      bleak;
       point ("sewer:", data)
 (s.closeb)
```

start-client()

output: server: server is waiting for connection connected by (127.0.0.1, 61773) client: Hello You: Hi client ended the chat. client: You: Hello Change de Maria sewer: His You: exit chat ended. dution andre a reconficination say (P, Manieron Form y or you Chapter decodely s soudio (b'pong's addition) Stork - dewer () troil (4) negot scoket Sample of the (2 = 10) (2) (2) (5) (4) With a significant Result: The Program has been executed successfully. On The In