3a.Sockets_Creation_for_Echo_Client_and_Echo_Server

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3a.CREATION FOR ECHO CLIENT AND ECHO SERVER USING TCP SOCKETS

AIM

To write a python program for creating Echo Client and Echo Server using TCP Sockets Links.

ALGORITHM:

1. Import the necessary modules in python
2. Create a socket connection to using the socket module.
3. Send message to the client and receive the message from the client using the Socket module in server .

4. Send and receive the message using the send function in socket.

NAME:GANESH PRABHU J

REG NO:212223220023

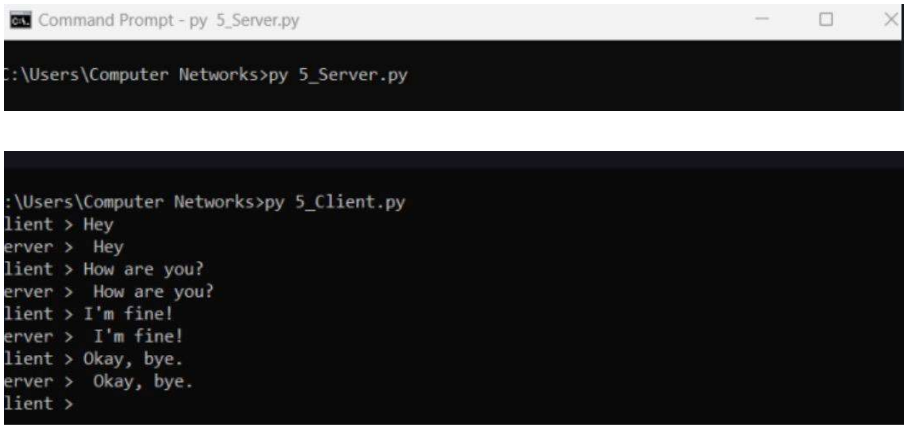
PROGRAM

```
import socket
s=socket.socket()
s.bind(('localhost',8000))
s.listen(5)
c,addr=s.accept()
while True:
 ClientMessage=c.recv(1024).decode()
 c.send(ClientMessage.encode())
```

```
import socket
s=socket.socket()
s.connect(('localhost',8000))
while True:
 msg=input("Client > ")
 s.send(msg.encode())
 print("Server > ",s.recv(1024).decode())
```

README

OUPUT



RESULT

Thus, the python program for creating Echo Client and Echo Server using TCP Sockets Links was successfully created and executed.