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SOURCE CODE:

//TCPServer:

```
import socket
s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
s.bind(('localhost', 5001))
s.listen(1)
print("Server is waiting for a connection...")
client, address = s.accept()
data = client.recv(1024).decode()
print(f"Received message: {data}")
response = "Received"
client.sendall(response.encode())
s.close()
```

//TCPClient:

```
import socket
message = input("Enter the message: ")
s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
s.connect(('localhost', 5001))
s.sendall(message.encode())
response = s.recv(1024).decode()
print(response)
s.close()
```

SAMPLE INPUT AND OUTPUT: