Assignment - 2

client.py server.py

server.py > ...

```python
########################## UDP ##########################
import socket
s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
Host=socket.gethostname()
Port=1234
s.bind((Host,Port))
s.listen( 5)
Comunication_socket,address=s.accept()
print(f"Connection to {address} established" )
while True:
    message=Comunication_socket.recv( 1024).decode( 'utf-8')
    print(f"msg from client : {message} ")
    msg_toSend= input("entr a msg" )
    Comunication_socket.send((msg_toSend).encode( 'utf-8'))
    Comunication_socket.close()
```

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client.py > ...

```python
########################## UDP ##########################
import socket
socket_client = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
Host=socket.gethostname()
Port=1234
socket_client.connect((Host,Port))
while True:
    msg_toSend=input("entr a msg")
    socket_client.send((msg_toSend).encode('utf-8'))
    message=socket_client.recv(1024).decode('utf-8')
    print(f"msg from the server : {message}")
```

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```
PS D:\College\Sems\Semester 8\Network Programming\Network Programming Section\Sec2> py client.py
entr a msgttttttttttttt
```

```
PS D:\College\Sems\Semester 8\Network Programming\Network Programming Section\Sec2> py server.py
Connection to ('192.168.16.2', 51769) established
msg from client : ttttttttttttt
entr a msgqqqqqqqqqqqqqqqqqqqq
```

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