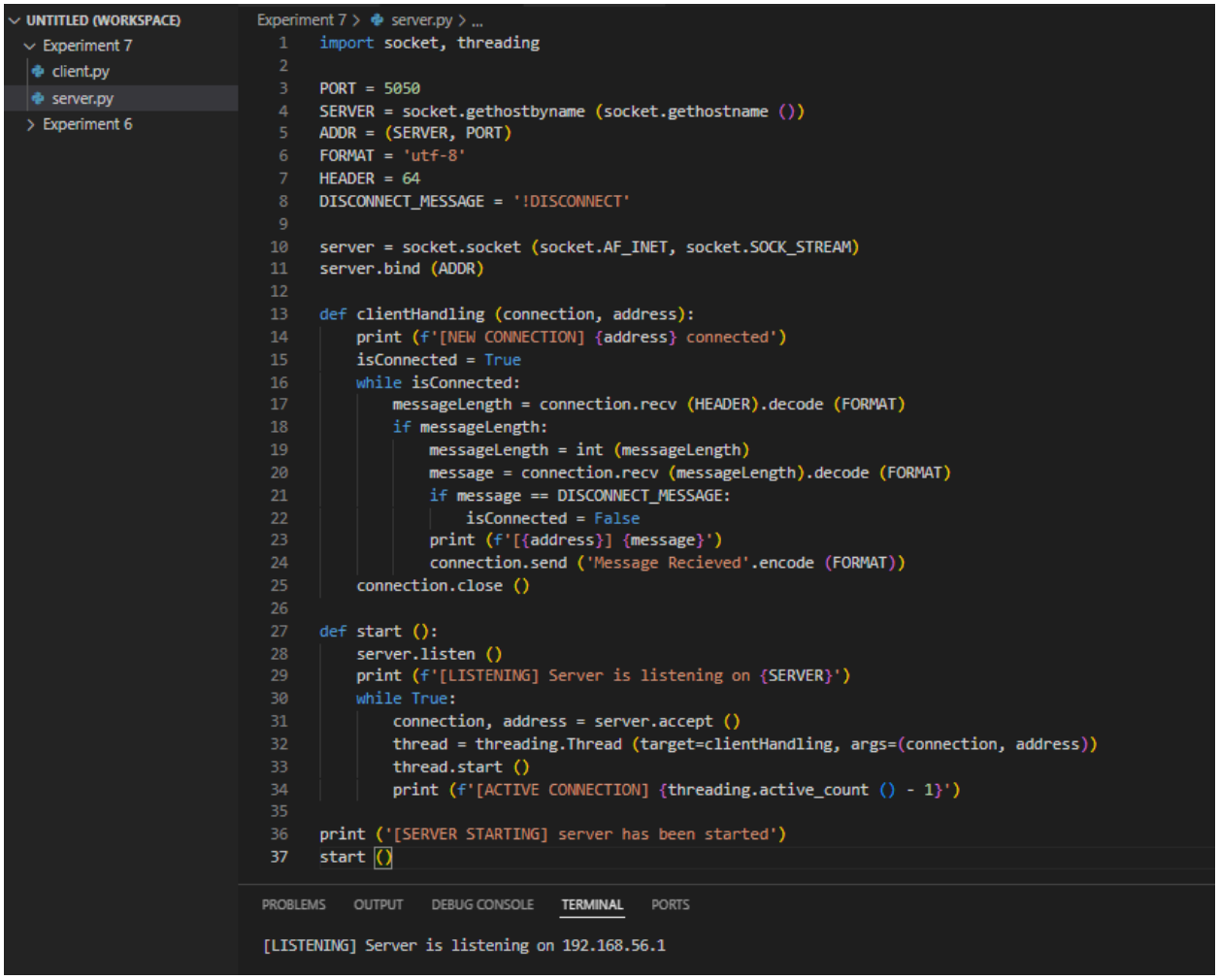
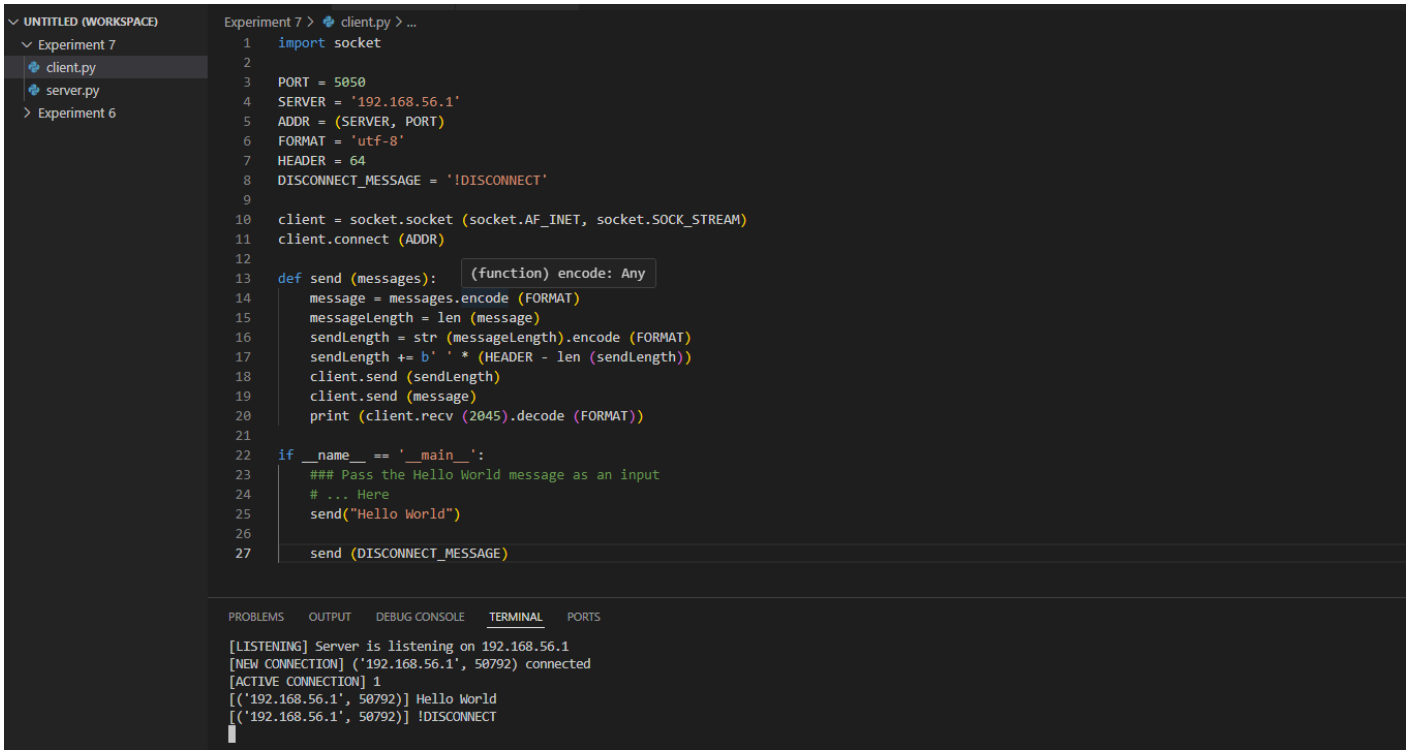
Archita Gupta-20




UNTITLED (WORKSPACE)
Experiment 7
client.py
server.py
Experiment 6
Experiment 7 > client.py > ...
1 import socket
2
3 PORT = 5050
4 SERVER = '192.168.56.1'
5 ADDR = (SERVER, PORT)
6 FORMAT = 'utf-8'
7 HEADER = 64
8 DISCONNECT_MESSAGE = '!DISCONNECT'
9
10 client = socket.socket (socket.AF_INET, socket.SOCK_STREAM)
11 client.connect (ADDR)
12
13 def send (messages):
(function) encode: Any
14 message = messages.encode (FORMAT)
15 messageLength = len (message)
16 sendLength = str (messageLength).encode (FORMAT)
17 sendLength += b' ' * (HEADER - len (sendLength))
18 client.send (sendLength)
19 client.send (message)
20 print (client.recv (2045).decode (FORMAT))
21
22 if __name__ == '__main__':
23 ### Pass the Hello World message as an input
24 # ... Here
25 send("Hello World")
26
27 send (DISCONNECT_MESSAGE)
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
[LISTENING] Server is listening on 192.168.56.1
[NEW CONNECTION] ('192.168.56.1', 50792) connected
[ACTIVE CONNECTION] 1
[('192.168.56.1', 50792)] Hello World
[('192.168.56.1', 50792)] !DISCONNECT