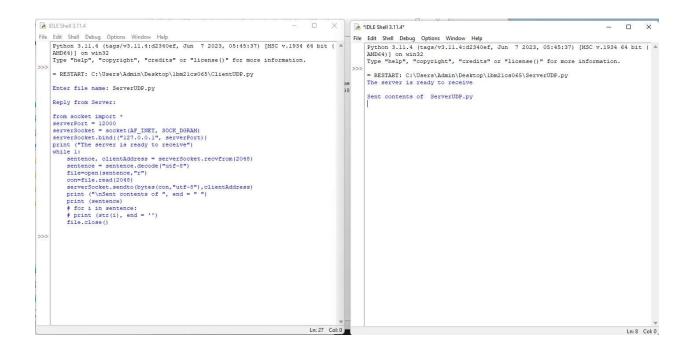
WEEK 16

Using UDP sockets, write a client-server program to make the client send the file name and the server to send back the contents of the requested file if present.

CODE: ClientUDP.py from socket import * serverName = "127.0.0.1" serverPort = 12000clientSocket = socket(AF_INET, SOCK_DGRAM) sentence = input("\nEnter file name: ") clientSocket.sendto(bytes(sentence,"utf-8"),(serverName, serverPort)) filecontents, serverAddress = clientSocket.recvfrom(2048) print ("\nReply from Server:\n") print (filecontents.decode("utf-8")) # for i in filecontents: # print(str(i), end = "") clientSocket.close() clientSocket.close() ServerUDP.py from socket import * serverPort = 12000serverSocket = socket(AF INET, SOCK DGRAM) serverSocket.bind(("127.0.0.1", serverPort)) print ("The server is ready to receive") while 1: sentence, clientAddress = serverSocket.recvfrom(2048) sentence = sentence.decode("utf-8") file=open(sentence,"r")

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con=file.read(2048)
serverSocket.sendto(bytes(con,"utf-8"),clientAddress)
print ("\nSent contents of ", end = " ")
print (sentence)
# for i in sentence:
# print (str(i), end = " ")
file.close()
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OUTPUT:



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