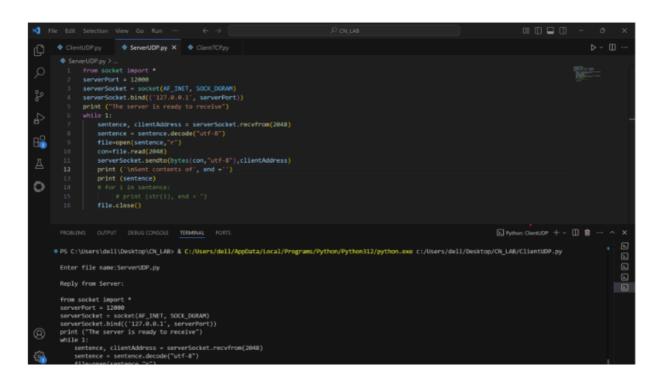
## Program 4

Aim of the program:

Using UDP sockets, write a client-server program to make client sending 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 = 12000
clientSocket = 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"))
clientSocket.close()
ServerUDP.py
from socket import *
serverPort = 12000
serverSocket = 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")
con = file.read(2048)
serverSocket.sendto(bytes(con, "utf-8"), clientAddress)
print('\nSent contents of ', end=' ')
print(sentence)
file.close()
```



## Observation:

	classmate Date Page
2.	Using UDP sockets, write actions server program
	to make client sending the file name and the
	server to send back the contents of the orguested
	tile if present.
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	client UDP. by txt. Jofman 2: unan 22 wit riting
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	from socket Import*
	Server Name = "127.0.0.1"
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	- me, sezverport)
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	server UDP. by
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	from socket import*
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	Server Socket. bind (1"127.0.0.3", Server-Port)
	print ("The server is ready to receive")
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	file = open (seatence, "r")
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	gerver Socket. Sendro (bytes (3, " Ut) -8"), clintAdd-
	print ("sent back to client", 1) - ress)
	tile. close ()

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