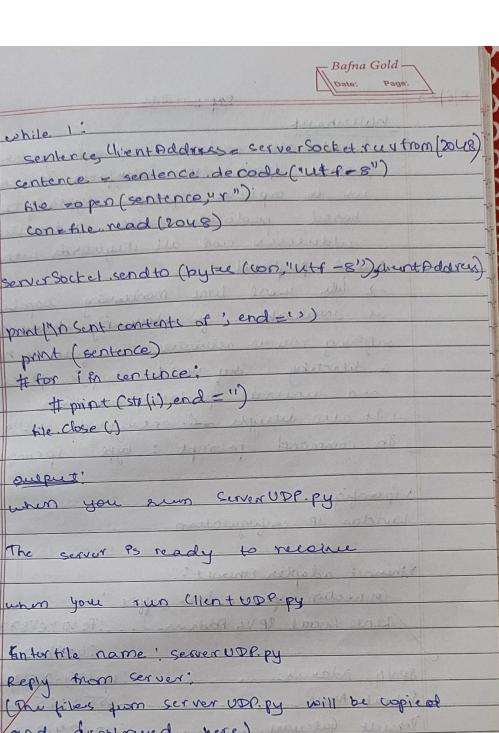
	e-Ruftia Cota
1al 23	Experiment 4
24/6/23	him?
	using UPP sockete, write a client -
	serve program to make flight bending
	the file name and the sexual to
	send back the contents of the suguested
	file if present.
	code:
1	Client UDP. Py.
	from socket input
	gener Mame ="127,00.1"
	generePort = 12000
	client Soctet = socket (DF INET, SOCK DGRAN)
	a ser amond amond and artist
	entence = input (11/10 Enter file nome: 1)
Prips.	chient Socket = send to (bybed untince," uty -8").
	greater Mame, Service Porto
	print("In Reply from Server: In")
	print (fire contents decode ("Utf-8"))
	the 1 in file contents:
	print (str(i), end 26)
	chient Socket. chose ()
	Chent Souret close (1)
	Server LODP. Py
	the m socket import a
	Serven Port = 12000
	ServerSocker - Socker (AF-INET, SOCK -DOLRAM)
	201701 > OCKet bind 197 7.0.0.1" SORVET POULT
	print(" The server is ready to receive").

-

-



Entertile name ' sever UDP. py Reply from server: (The files from server UDP. py will be copied and displayed here) En Server UDP.py

The server is ready to receive sent conton is of server ODP. py

The server is ready to receive

while 1:

print (sentence)

pulput!

file. Close ()

```
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")) # for i in filecontents: # print(str(i), end = "")
clientSocket.close()
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) # for i in sentence: # print (str(i), end = " ")
```

OUTPUT:

file.close()