Sockets (UDP)

Using UDP sockets, write a client server program to make client sending the filmance and the server to send back the contents of the suggest file if present

907 the shill

(Prom Socket Emport *

ServerName = "127.0.0.1"

ServerPort = 12000

ClientSocket = Socket (AF_INET, Sock_DGPAM)

Sentence = input ("In Enter file name:")

Client Socket. Send to (bytes (Sentence, "utf-8") (ServerName, ServerPort))

file Contents, ServerAddress = ClientSocket. Frecyprom (2048)

print ("In Reply from Server: "")

print (pilecontents. decode ("utf-8"))

for ? in filecont inte:

print (stn (i), end = ")

ClientSocket. close ()

Ferror Socket import *

Server Port = 12000

Server Socket = Socket (AF_INET, Sock_DGRAM)

Server Socket. Bind (("127.0.0.1", Server Port))

print ("The server is greatly to receive")

while 1:

dient Socket. close ()

Sentince, client Address = Server Socket. 91 eculpon (2048)

Sentince = Sentince . decode ("ulf-8")

file = open (Sent ence, "y")

l = file. read (2048)

Server Socket. Send to (bytes (1, "ulf-8"), client Address)

print ("In Send contents of ; end=")

print (Sentince)

for " &n Sentence

for " &n Sentence

for (stock), end = ")

file. close ()

```
Output:
Sever UDP:
   The server is ready to receive
     send contents of serverUDP. py
     The server is ready to recieve
  Chent UDP:
      Enter the filename: Sever UDP. py
        keply from Server:
         from sodut import *
         Server Part = 12000
         Sever Socket = Socket (AF-INET, SOCK_PGRAM)
         Server Socket. bind (("127.0.0.1", server Port))
              print ("The server is ready to receive").
         while 1:
               Sentina. client Address = Server Socket. new
                                       from (2048)
               Sentence = sentence, de code ( "ut -8")
                file = open (sentence, "n")
                l = file. ne ad (2048)
              serversocket. sendto (bytes (1, "utf-8")
                                         client Address)
               print ("In Send contents of "end = "")
               print (sentence)
               file. close()
            >>>
```