12) using upp sockets, white client - serves program to make the client sending file name and serves to send back contents of bregnested file if present.

from socket import *

Serves Name = "127.0.0.1"

Serves post = 12000

Client Socket = Socket (AF-INET, SOCK-DGRAM)

Sentence = imput ("In Enter File Name:")

Client Socket. Send to Capter (Sentence, "Ut f-8"), (Sorron Name, Sorron polit)

```
file content, server Address = client Societ. secr from (2048)
 prival ( In Reply from Server: In')
 print ('be file Contents. de Code (" utf - 8"))
 client; close ()
 client Socket. close()
  from socket impost *
  Cerves PSt = 12000
  Server Socket = socket (AF_INET, SOCK_DGRAM)
  Server Saket. bird(("127.0.0.1", server Ps.t))
  print (" server is seady to secuive")
  while 1:
    Sentence client Address = Serversocket. 8e (uf som (2048)
     Sentence = sentence - decode ("tf-8")
    file = open ( Sentence, "8")
    1= file- read (2048)
    Server Socket. Send to (bytes (1, "vtf-8"), client Addres)
    point ('In Sent Contents of ', end = '')
    Point (sentena)
    file. close ()
Off: Enter bile name: Server udp. Py # client op
     Reply from Server:
     from socket import *
      Server socket (AF_INET, SOCK - DGRAM)
      ServerPost = 12000
      server Socked. bind ((127.0.0.1", server post))
      Print (" server is leady to receive")
       sentence, MentAddress = serversocket. ve (Vfrom (2048)
      verile @1:
       sentence = sentence decode ("intf-8")
      file = open (Sentence, " 8")
       l=file. read (2048)
      server Socket, send to (bytes(1, "utf-8"), dient Addrew)
      Print ('In Sent Contents of ', end = ')
      Point (sentence)
      file. close ()
      The corner is leady to receive # server or
```