Aim-16

16. 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:

```
25/08/23
 4. Using UDP Jokets, write a dient-
 Server program to make client Sending
the film name and the server to
Send back the contents of the requis-
-ted file if present.
code
SevenUDP. Py
 Jever Port = 12000
 ServerSodet = Sodet (AF_INET, Sock-Duram)
Derva Socket. bind (("127.0.0.1", Serva Pout))
Print ("The Server is ready to receive")
 while:
      Jentence, client Address : ServerSocket.
     Dentence = Jentence. decode ("vtf-8")
    file = open ( dentence, "1")
```

con = file read (2048) javaSoulet. Send to (bytes (con, "Utf-8"), port ("Indent contents of put (Jentence) # for I in Sentence: # print (Str(i), end = '1) file. close (1 for Soulet import & Javarlame 2" (127.0.0.1" dient Socket = Soulet (AFINET, SOCK_DEIRAM) Sontence = input (" In Enter file name: ") dont Soulet. Soid to (bytes (dentence, " ctf-8"), (Serverlane, superfait plecontents, duverAddien e dient Socket. regul

print ('In Roply Jeon Server In') Print (file contents. decode ("vitj-9")) # for i in file contents! # Print (Ofili), end = (1) client Socket. close 17 output from Saver Shell Efter file M. The Server is ready to receive Sent contents of Server Udp. Py Cofter Jending = entury the file name by clients. from client shell Enter the file name: Deverodp. Py Reply from Server. (the contents of Sevendp. pg will be displayed (shown as per request).

Output:

