

AIM:- Using UDP sockets, write a client server program to make client sending the file name and the server to send back the contents of requested file if present

client.py

```
from socket import *
sname='127.0.0.1'; sport=12000
csock = socket(AF_INET, SOCK_DGRAM);
msg = input("\n enter file name");
csock.sendto(bytes(msg, "utf-8"), (sname, sport))
```

```
fcont, paddr = csock.recvfrom(2048)
print(fcont.decode("utf-8"))
csock.close()
```

server.py

```
from socket import *
sname='127.0.0.1'; sport=12000
sock = socket(AF_INET, SOCK_DGRAM);
sock.bind(("127.0.0.1", sport))
print("ready to listen");
while 1:
```

```
    msg, caddr = sock.recvfrom(2048)
    msg = msg.decode("utf-8")
    file = open(msg, "r")
    l = file.read(2048)
    sock.sendto(bytes(l, "utf-8"), caddr)
    print(msg)
    file.close()
```