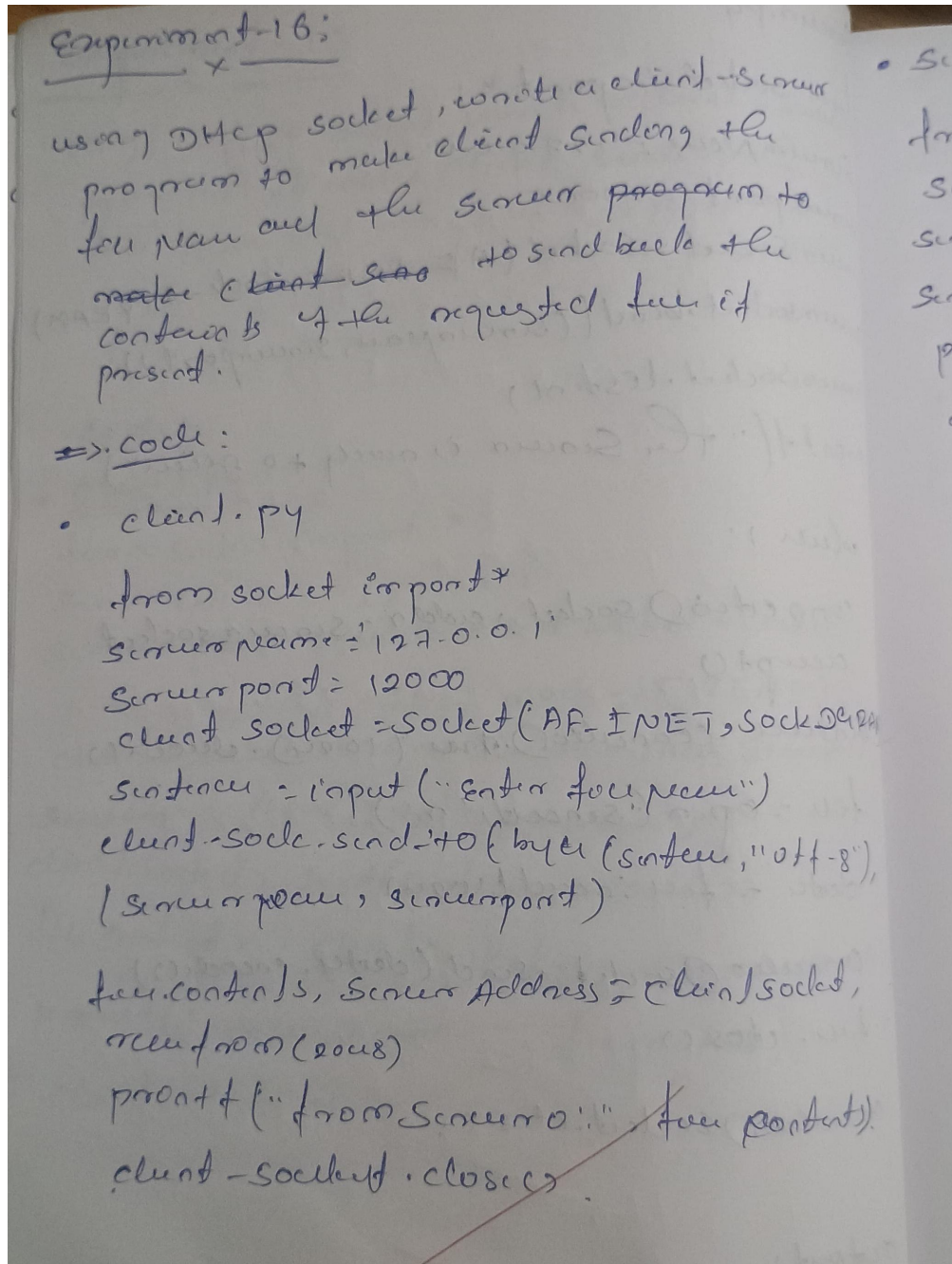


Program 17

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

Code:



• server.py

```
from socket import *
serverport = 12000
serversocket = Socket(AF_INET, SOCK_STREAM)
serversocket.bind(('127.0.0.1', serverport))
print("The server is ready to receive")
while 1:
    client, clientaddr = serversocket.accept()
    f = client.open('r')
    data = f.read(1024)
    clientsocket.sendto(bytes('Hello world', 'utf-8'),
        clientaddr)
    print("Send back to client", data)
    f.close()
```

client.py:

server.py: The server is ready to receive
sent back to client: Hello world.

~~client.py: Enter the server: example.txt.
from server: Hello world.~~

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