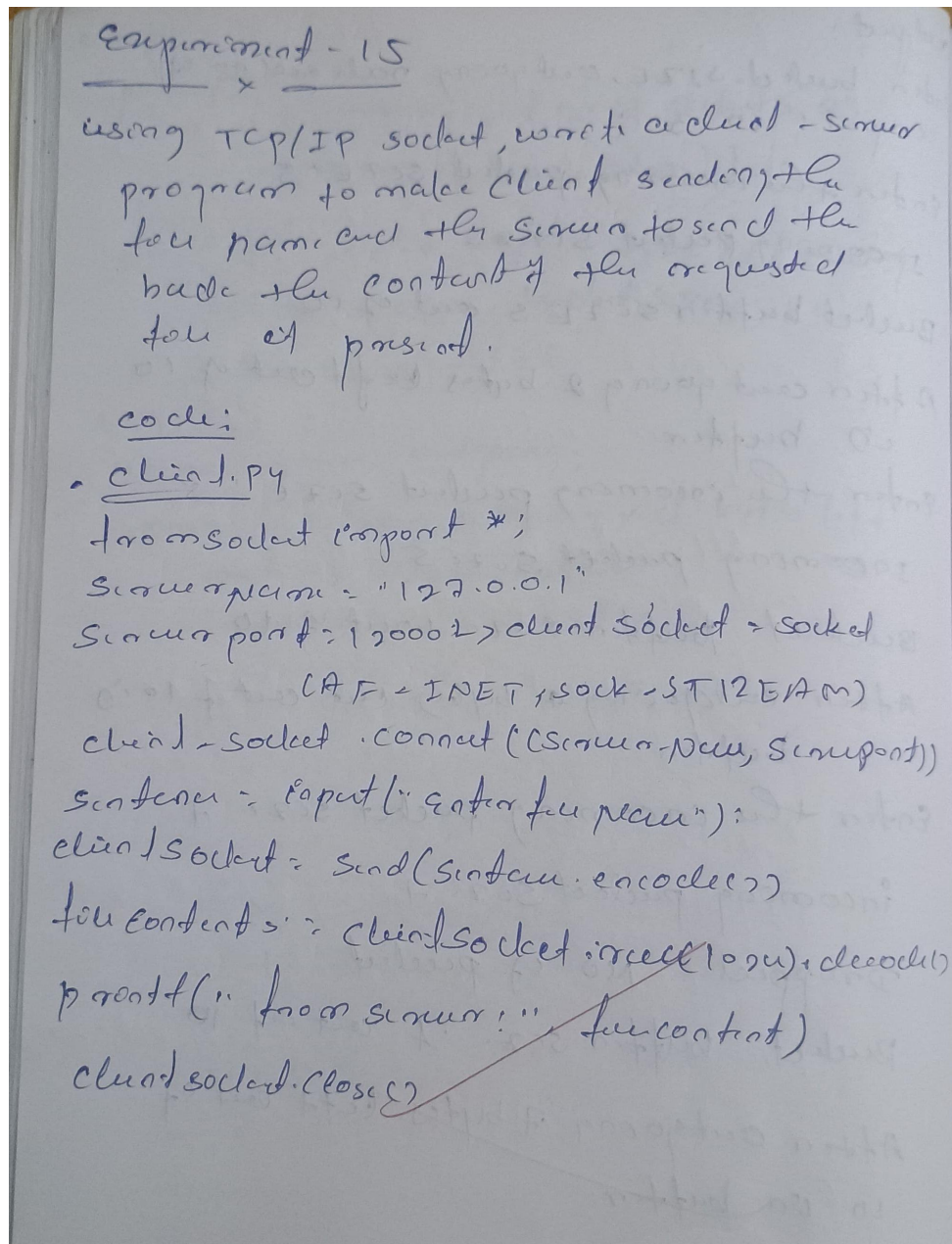


### Program 16

Using TCP/IP 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 and Output:**



• server.py

```
from socket import *;
server_name = '127.0.0.1'
server_port = 12000
server_socket = socket(AF_INET, SOCK_STREAM, 0)
server_socket.bind((server_name, server_port))
server_socket.listen(1)
print("The server is ready to receive")
```

while 1:

```
connection, address = server_socket.accept()
```

```
sender = connection.recv(1024).decode()
```

```
file = open('server.txt', 'w')
```

```
data = file.write(sender)
```

```
connection.send(data.encode())
```

```
file.close()
```

```
connection.close()
```

output:

server.py - The server is ready to receive

client.py: Enter file name: output.txt  
from server: Here, words

By the way