AKSHAY MITTUR
IBM18CS010

1/12/20

CN LAB WRITEUP

TCP & UDP Sockets

Should be SOCK_STREAM for TCP

client.py
```
import socket
with    socket.socket(socket. AF_INET, SOCK_DGRAM) as sock:
        sock.connect( `127.0.0.1', 65432)
    while True:
        file = input()
        if not file: break
        sock.sendall( bytes( file, 'utf-8'))      ⇐ Should
        data = sock.recv(1024).decode('utf-8')
        print(data)
```

Server.py   for TCP,
```                                          SOCK_STREAM
import socket
with   socket.socket (socket. AF_INET , sock_DGRAM)  as sock:
        sock.bind("127.0.0.1', 65432)
        sock.listen(1)
        conn, addr = soc.accept()
        file = data  conn.recv(1024).decode('utf-8')
        with open(file, 'r') as f:
                data = f.read()
                data = bytes(data, 'utf-8')
        conn.sendall(data)
```