# CN Lab

```python
import socket
from config import HOST, PORT
# TCP client
with socket.socket(socket.AF_INET, socket.SOCK_STREM)
    as sock:

        sock.connect((HOST, PORT))

        filename = input()

        sock.sendall(bytes(filename, 'utf-8'))

        data = sock.recv(1024)
        Contents = data.receive('utf-8')

# TCP server:

        sock.bind((HOST, PORT))
        conn, addr{ = sock.accept()

    with conn:
        data = conn.recv(1024)
        print(data)
        conn.sendall(data)
        print("Sent")
```

```python
import socket
from config import HOST, POST

# UDP client
with socket.socket(socket.AF_INET, socket.SOCK-DGRAM)
        as soch:
    soch.connect((HOST, PORT))
    filename = input()
    soch.sendall(bytes(filename, 'utf-8'))
    data = soch.recv(1024).decode('utf-8')
    print(data)

# UDP server:
    soch.bind((HOST, PORT))
    data.addr = soch.recvfrom(1024)
    filename = data.decode('utf-8')
    data = bytes(data, 'utf-8')
    soch.sendto(data, addr)
    print(data)
```