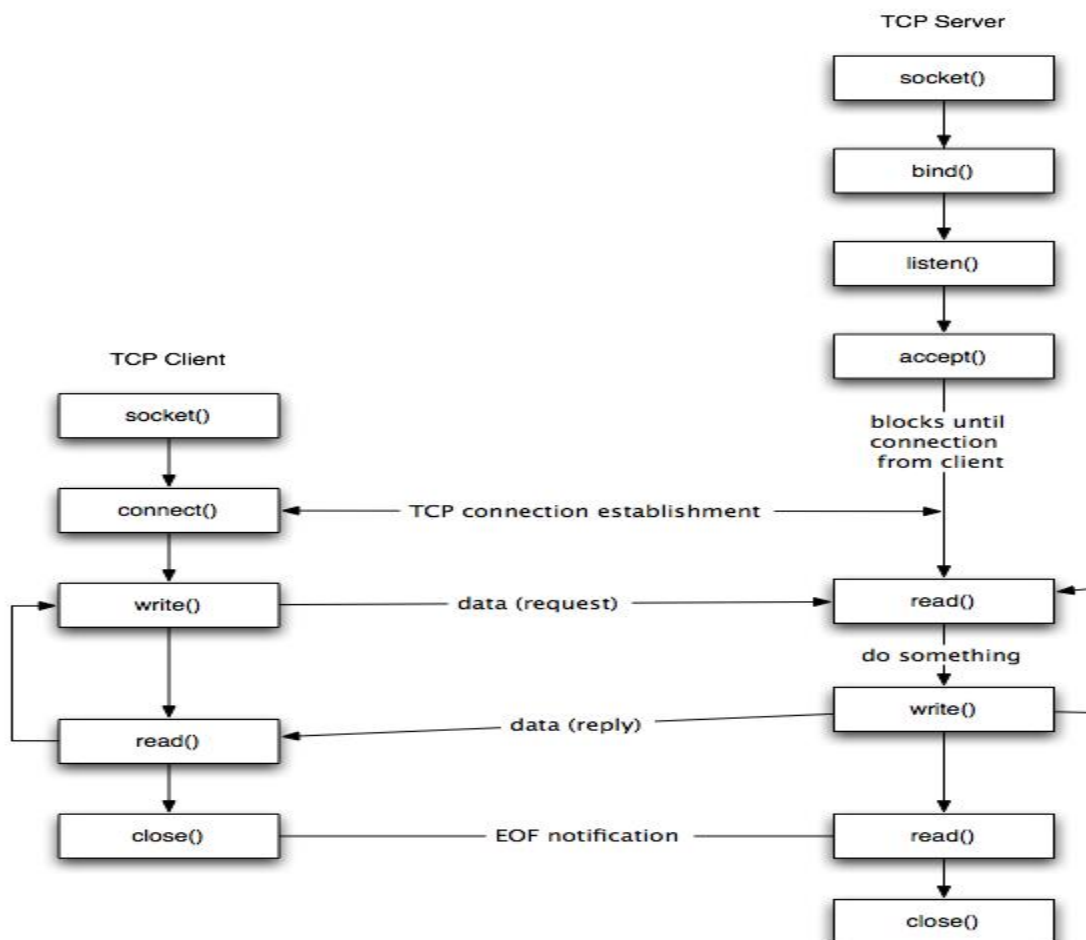


Socket Programming

Project Report

Program Design

First, we import the socket library of python and start building the socket objects. The server code makes a socket object and binds it to localhost's port 65432 as a socket server. When Agent connect to this address with a socket connection, the server listens for the connection code, and stores it in the "connCode" variable. The Agent opens up a socket connection with the server, but only if the server program is currently running. To test this, we used 2 terminal windows at the same time.



How it works

1. Open the terminal
2. Write the following command:
python3 Server.py
3. Open another terminal for the Agent side and type the following command:
python3 Agent.py
4. Enter the valid connection code in Agent.py
5. The server will ask the agent the secret question by sending it.
6. Write the answer to the secret question in Agent.py.
7. If the answer is right, the Server will send the time-log to Agent.py.