

Description

In this homework, you are asked to design a chat server. Your program should be a **single process** and use [select](#) or [poll](#) to handle **multiple connections** and receive user commands from the client socket. After receiving the command message, the server should send the corresponding message back.

The TAs use the diff tool to compare your output directly against our prepared sample test data. When comparing against the sample test data, continuous spaces and tabs in the output are consolidated into a single space character.

Your server should show a welcome message once a client is connected.