Problem Session 13: Web

Monday, November 23, 2020

1. How would you modify the server code from your networking assignment to support multiple concurrent connections?

2. Download the demo code from the last lecture (available as a zip file on the course website or as a tar file named `ps13.tar` in the `/data` directory on the course VM).

   (a) Try requesting the page /home.html from your browser and then from the commandline (`telnet 127.0.0.1 <port>` and the make the request `GET /home`).

   (b) Try making multiple concurrent connections. What happens? (Hint: the easiest way to do this is to make one connection hang from the commandline (`telnet 127.0.0.1 <port>` but then don't enter anything) and then connect from a browser)

   (c) Modify the server code to correctly handle multiple concurrent connections.

   (d) Try adding/changing either static or dynamic content and see what happens!