Homework H5: Chapter 11 Networks

CS 283 Systems Programming

Grading: 100 points

The following exercises come from the main text, Computer Systems: A Programmer's Perspective, 3rd Edition (CSAPP3). (33 points each).

1. CSAPP3 Problem 11.6 Part A. Modify Tiny so that it echoes every request line and request header.
2. CSAPP3 Problem 11.7. Extend Tiny so that it serves MPG video files.
3. CSAPP3 Problem 11.9. Modify Tiny so that when it serves static content, it copies the requested file to the connected descriptor using malloc, rio_readn, and rio_writen, instead of mmap and rio_writen.

What to hand in:

Please submit the solutions to the problems above by the submission method specified in the Syllabus. Make sure your answers are concise and clear. Make sure you completely explain all your answers. We will deduct points if it is not obvious how you got your answer -- even if your answer is correct.