

CSC 469 WEEK 2 CONCEPTS

You are responsible for the entire chapter with the exception of 2.6, peer to peer. You have to know what a peer to peer application is, but nothing beyond the definition is expected.

Do review questions R1, R3, R5, R6, R9, R11, R13, R26, R27.

Do problems P3.

1. PROGRAMMING PROJECT

Write a Java program that implements a TCP server that runs at port 50000. The program will accept connections from a web browser and echo back to the same web browser everything that was received. This means that your program will return to the browser a HTTP Response message with a status code of OK, and a Content-Type of text/plain.

Note that for a GET request, the response returned will have a body that consists of all the headers from the received HTTP request.

However, for a POST request, the response will consist of the request headers, followed by a blank line, followed by the contents of the HTTP request body. Note that you will need to process the Content-Length header in the request to do this.

You will have to set a Content-Length header for response in both cases.