

Homework 2

Due: February 21, 2020 at 23:55

In this assignment you can work in a team of up to 2 students.

Web Server

In this assignment, you will develop a simple Web server in Java/Python that listens on port 9999 and that is capable of processing only one request. Specifically, your Web server will

- i) create a connection socket when contacted by a client (browser);
- ii) receive the HTTP request from this connection;
- iii) parse the request to determine the specific file being requested;
- iv) get the requested file from the server's file system;
- v) create an HTTP response message consisting of the requested file preceded by header lines; and
- vi) send the response over the TCP connection to the requesting browser.

If a browser requests a file that is not present in your server, your server should return a "404 Not Found" error message.