

Jetic Gū

Columbia College

This assignment is an individual work.

You must make sufficient effort to ensure the submitted webpage is properly formatted. Failure to comply will result in a ZERO grade. Your submission must be a zip file with **exactly** following file structure:

```
answer.zip
  index.html
  server.js
```

The usage of incorrect filenames will result in a grade of 0.

## Lab 6

In this Lab, you are required to write some basic NodeJS code. You will include `index.html` from your lab 1 submission.

1. Consult LS15 and LS16. You will need to create the necessary code for running an HTTP server that serves `index.html` for whoever is trying to access your server.
  1. You need to use `http` and `fs` libraries for NodeJS.
  2. You will need to record every request URL and Method you receive using `console.log`.
  3. Your server will need to listen to port 80.
  4. You will need to test that it actually works by running NodeJS on your computer, then access the server by visiting <http://localhost> or <http://127.0.0.1> .
    1. To do this on Windows, place your `server.js` and `index.html` DIRECTLY under your user folder, e.g. `C:\Users\jetic\`
      1. Open NodeJS command prompt. Type `node server.js` and press enter. You should see your server running. If you used `console.log` in `server.listen`, you should start to see whatever message you included on screen.
      2. To do this on Mac/Linux, open `Terminal.app`, use `cd` to navigate to the directory where your `server.js` is saved. Then, type `node server.js` and press enter. If you used `console.log` in `server.listen`, you should start to see whatever message you included on screen.
      3. Visit <http://localhost> or <http://127.0.0.1> to confirm your webpage is working.
2. Grading
  1. You may present your work to me in class to receive your grade immediately on Thursday.
  2. You must always upload the final zip file onto moodle, even if you present in person.