Web Development – Mr. Turner

Project – Login

**Project Overview**

Create a simple user login page.

**The Assignment**

Create a text file that contains the following information for several users:

* Username
* Password
* First Name
* Last Name

This file can be built in any string format or you can create the users as JSON objects (if using JSON objects, remember to put all properties and their values in double quotes).

Build a simple form that allows the user to enter in a username and password.

When the form is submitted, the form should send the data, as post data, to a welcome page. This request will go through a Nodejs webserver file.

When the webserver receives the request, it will check to see if login information has been sent. If there is login information, it will go into the text file with all of the usernames and passwords to see if the login is correct.

1. Read in the text file.
2. Parse the string data into readable users.
3. Find the username/password combination that matches the one entered.

If a match is found, return the first and last name data to the welcome page. It should say, “Hello FirstName LastName”.

If there is no match, it should say “Username or Password is incorrect.”

**Programming Hints**

* You can’t do anything until you’ve checked to see whether or not the user is legitimate, so don’t bother reading in the user text file asynchronously (refer back to early Nodejs code to see how to read in synchronously).
* Don’t overcomplicate the server page. Beyond reading in the data and accessing the POST data, checking the client’s entry against the data is just basic Javascript.
* If you understand the templates that we’ve been using since beginning Nodejs, you should be able to adapt them to this project.
* Take your time.
* Consult with your peers.
* Ask me questions when you have them.