Assignment 1 // Web700 **Screenshot and Outputs** Akshay Nedumparambil Unnikrishnan 190635235

ASSIGNMENT 1 // WEB700

Hello World!

```
EXPLORER ... Welcome

Assignment1 is Akshay_assignment1.js > ...

Akshay_assignment1.js > ...

Akshay_assignment1.js > ...

console.log("Hello World!")
```

Output:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Aksha\Dropbox\SEMESTER2\WEB700\Assignment1> node .\Akshay_assignment1.js
Hello World!

PS C:\Users\Aksha\Dropbox\SEMESTER2\WEB700\Assignment1>
```

Manual Testing

```
ASSIGNMENT1
                          Js Akshay_assignment1.js > ...
Akshay_assignment1.js
                                 const serverVerbs = ["GET", "GET", "GET", "POST", "GET", "POST"];
const serverPaths = ["/", "/about", "/contact", "/login", "/panel", "/logout"];
                                    "Welcome to WEB700 Assignment 1",
                                    "This assignment was prepared by Akshay Nedumparambil Unnikrishnan",
                                    "Student Name: Akshay [anedumparambil-unnik@myseneca.ca]",
                                    "User Logged In",
                                    "Main Panel",
                                    "Logout Complete"];
                                 const httpRequest = (httpVerb, path) => {
                                      if (serverVerbs[i] === httpVerb && serverPaths[i] === path) {
                                         return `200: ${serverResponses[i]}`;
                                    return `404: Unable to process ${httpVerb} request for ${path}`;
                                 console.log(httpRequest("GET", "/"));
                                 console.log(httpRequest("GET", "/about"));
console.log(httpRequest("POST", "/login"));
                                 console.log(httpRequest("PUT", "/"));
```

Output:

```
PS C:\Users\Aksha\Dropbox\SEMESTER2\WEB700\Assignment1> node .\Akshay_assignment1.js
Hello World!
200: Welcome to WEB700 Assignment 1
200: This assignment was prepared by Akshay Nedumparambil Unnikrishnan
200: User Logged In
404: Unable to process PUT request for /
PS C:\Users\Aksha\Dropbox\SEMESTER2\WEB700\Assignment1>
```

ASSIGNMENT 1 // WEB700

Automatic Testing

```
Akshay_assignment1js > ...

Akshay_assignment1js > ...

Akshay_assignment1js > ...

const getRandomInt = (max) => {
    return Math.floor(Math.random() * max);
    }

const automateTests = () => {
    const testVerbs = ["GET", "POST"];
    const testPaths = ["/", "/about", "/contact", "/login", "/panel", "/logout", "/randomPath1", "/randomPath2"];

const randomRequest = () => {
    const randomRequest = () => {
        const randowRequest = () =>
```

Output:

```
404: Unable to process PUT request for /
404: Unable to process GET request for /logout
404: Unable to process POST request for /panel
404: Unable to process GET request for /randomPath1
404: Unable to process POST request for /contact
404: Unable to process POST request for /
200: Welcome to WEB700 Assignment 1
404: Unable to process POST request for /
404: Unable to process GET request for /
404: Unable to process GET request for /
404: Unable to process GET request for /login
404: Unable to process GET request for /logout
PS C:\Users\Aksha\Dropbox\SEMESTER2\WEB700\Assignment1>
```

Github Link:

https://github.com/Akshay01-crypto/WEB700