Lynda Ofume
B00738568
CSCI 3172
December 4, 2022

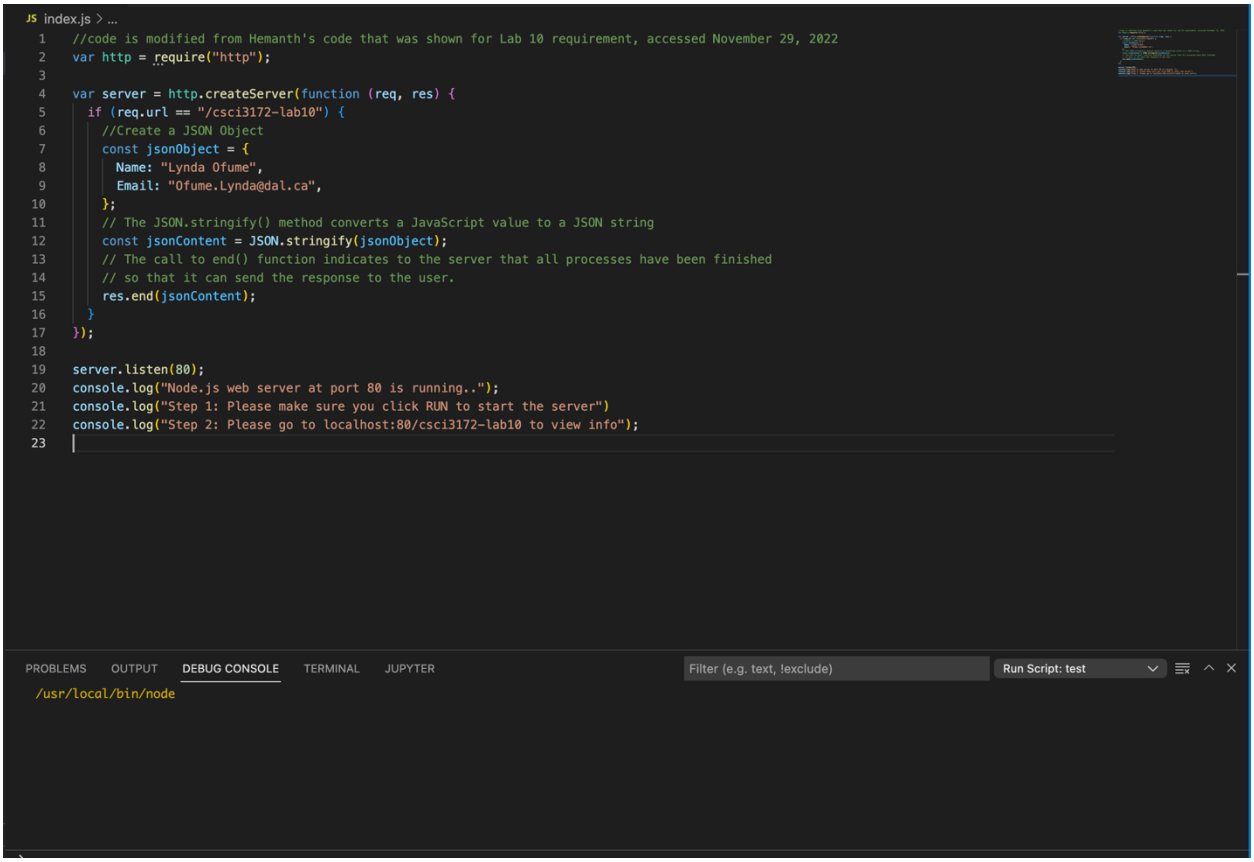
Lab 10

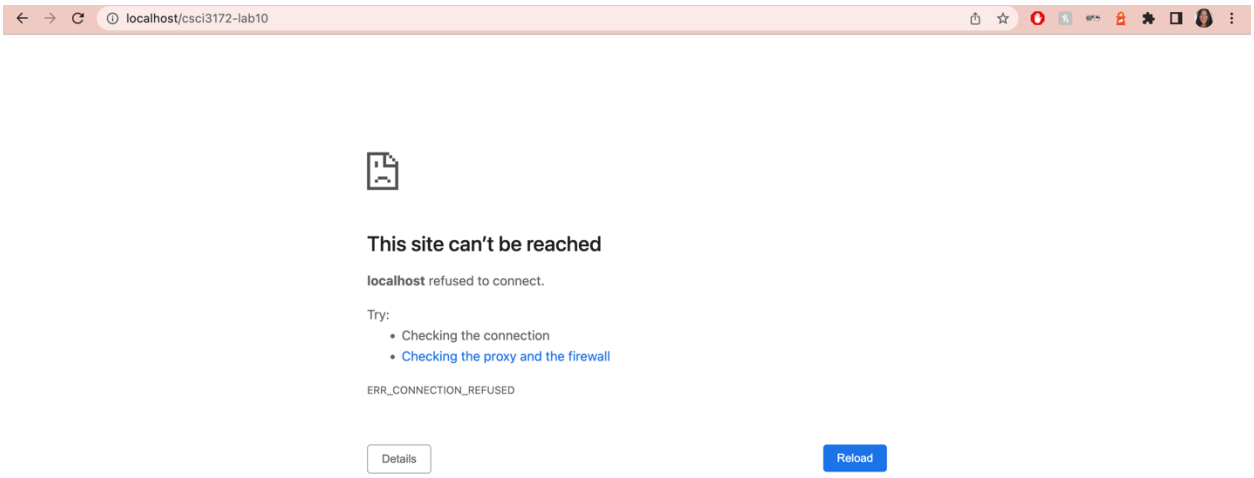
These are the results from the lab, the console will log the steps that need to be followed.

```
Step 1: Please make sure you click RUN to start the server
Step 2: Please go to localhost:80/csci3172-lab10 to view info
```

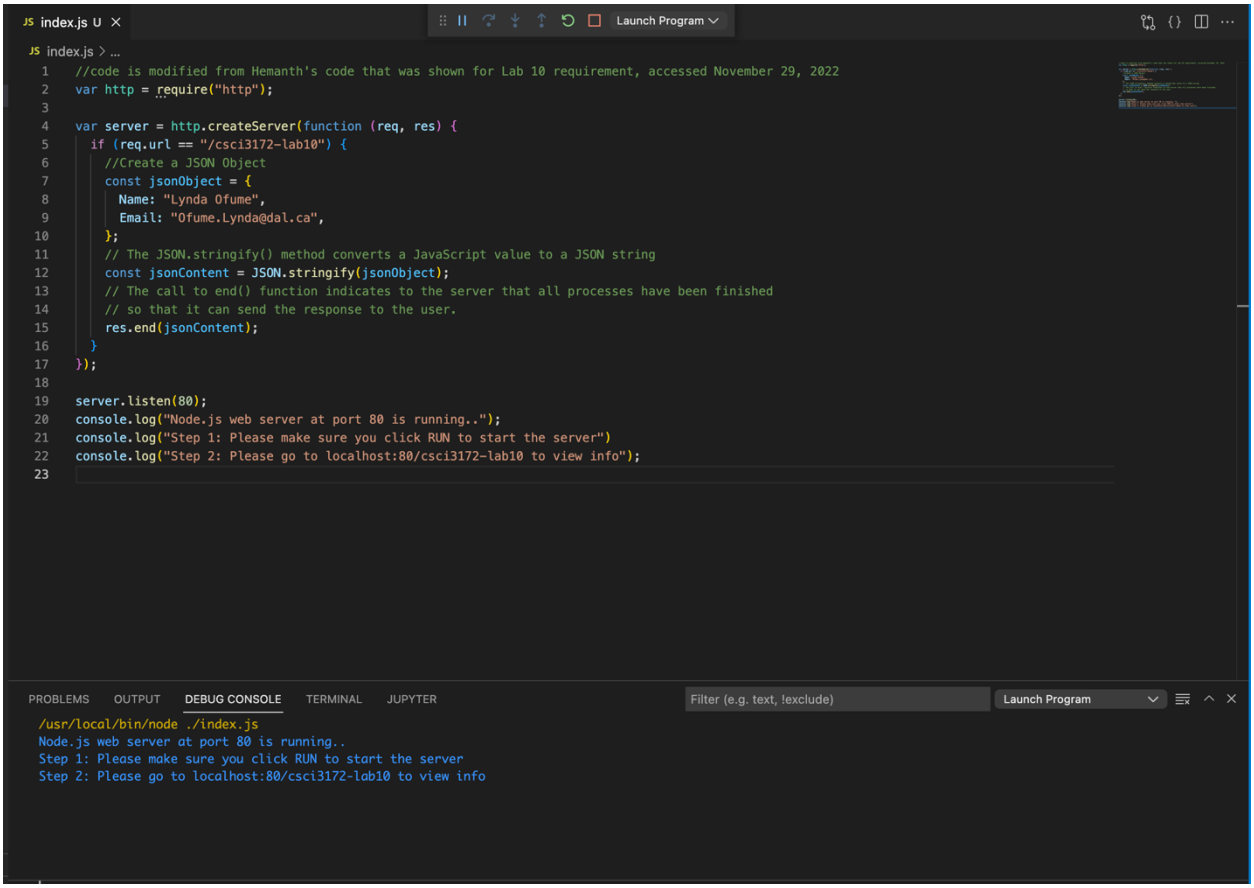
The screenshots below represent the before and after of the server running and displaying the output to the webpage.

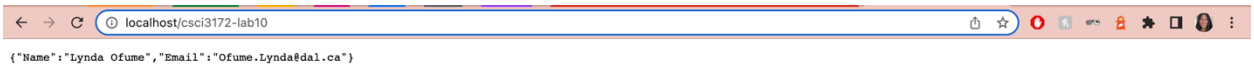
Before:




localhost/csci3172-lab10
This site can't be reached
localhost refused to connect.
Try:
Checking the connection
Checking the proxy and the firewall
ERR_CONNECTION_REFUSED
Details
Reload

After:


index.js U
Launch Program
index.js > ...
//code is modified from Hemanth's code that was shown for Lab 10 requirement, accessed November 29, 2022
var http = require("http");
var server = http.createServer(function (req, res) {
if (req.url == "/csci3172-lab10") {
//Create a JSON Object
const jsonObject = {
Name: "Lynda Ofume",
Email: "Ofume.Lynda@dal.ca",
};
// The JSON.stringify() method converts a JavaScript value to a JSON string
const jsonContent = JSON.stringify(jsonObject);
// The call to end() function indicates to the server that all processes have been finished
// so that it can send the response to the user.
res.end(jsonContent);
}
});
server.listen(80);
console.log("Node.js web server at port 80 is running..");
console.log("Step 1: Please make sure you click RUN to start the server")
console.log("Step 2: Please go to localhost:80/csci3172-lab10 to view info");
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
JUPYTER
Filter (e.g. text, !exclude)
Launch Program
/usr/local/bin/node ./index.js
Node.js web server at port 80 is running..
Step 1: Please make sure you click RUN to start the server
Step 2: Please go to localhost:80/csci3172-lab10 to view info



{"Name":"Lynda Ofume","Email":"Ofume.Lynda@dal.ca"}

```
<!--- The following README.md sample file was adapted from
https://gist.github.com/PurpleBooth/109311bb0361f32d87a2#file-readme-template-md by
Gabriella Mosquera for academic use --->
<!--- You may delete any comments in this sample README.md file. If needing to use as
a .txt file then simply delete all comments, edit as needed, and save as a README.txt
file --->

# Lab 10

* To learn how to use REST API with get operation

* *Date Created*: November 29 2022
* *Last Modification Date*: November 29 2022

* *Lab URL*: <http://localhost:80/csci3172-lab10>
* *GitLab URL:
<https://git.cs.dal.ca/ofume/b00738568_web_centric_computing_csci3172.git>

## Authors
* [Lynda Ofume](Ly863136@dal.ca) - *Developer/Designer*


## Getting Started

- To view the result please click run on js program for node.js and then open the
website in your browser.
- You can view source code at the given GitLab URL


## Sources Used
1. Used start code created by Hemanth that was posted on brightspace to implement
features, Accessed November 29, 2022

## Acknowledgments
- Hemanth Nadipineni, Starter code, Accessed November 29, 2022
```