Required Assignment 23.2 Report

The first step I took in tackling this assignment was to ensure that the file structure for the project was properly set up. Next, I ensured that I had initialized the Node project and installed all of the required dependencies.

In the app.js file, the code essentially uses the api.js file to send a simple get request which should send back a JSON object which includes the Hello from the backend message. Finally, I made sure to export the app module for use in the testing files.

In the api.js file, I defined router as the express.Router and made a get request to router which (if successful) would send back a JSON object which includes the Hello from the API route message. I also exported the router module so I could use it in my test file.

Using Supertest, the code tests if you receive a status code 200 for a get request to the api route. It then tests if you get the correct JSON response, i.e., the aforementioned message. Then, a test is run to determine if a 200 code is received for a get request to the route for the parent directory. Finally, a test is run to determine if the correct JSON response is receive for this get request.

Below you can see that the tests were run and that all were successful.

