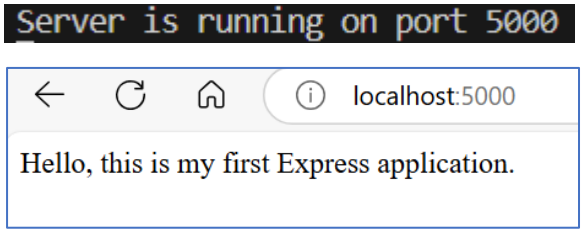
Week 4

Exercise 1:

Output:

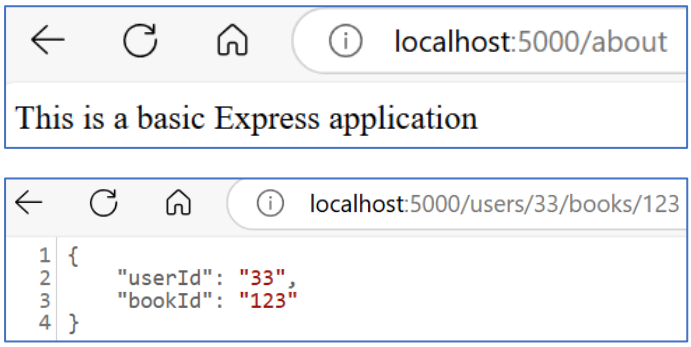


Explanation:

I established the default route and sent a string message using the .get route method and its parameter res.

Exercise 2:

Output:

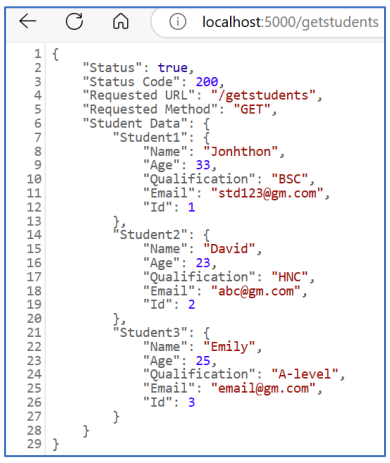


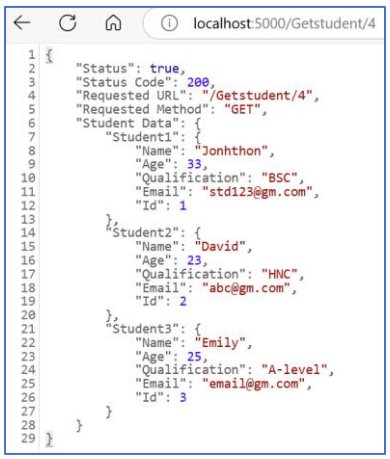
Explanation:

I created additional routes: /about and /users… The second route included parameters which I accessed with the use of req.params.

Exercise 3:

Output:



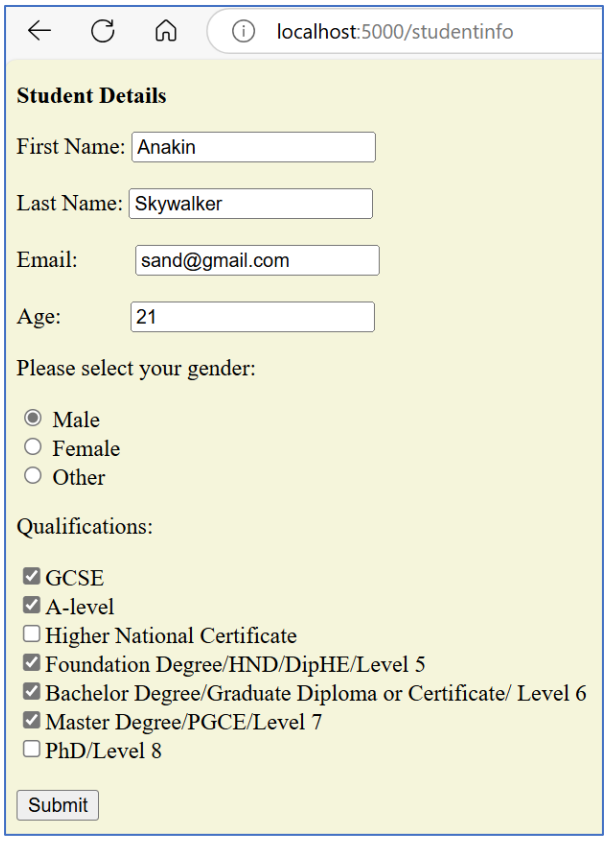


Explanation:

I created another route that reads and parses a JSON file and sends it to the browser using the response object. I then created another route with an id parameter which filtered out the record with the matching id. The last screenshot shows all records if that particular id does not match an existing record.

Exercise 4:

Output:



Explanation:

I created an html document, sent it to a route, and enabled data submission with the use of the post method.

Reflection:

This week, I learned the theory behind creating an Express server, including the concepts of middleware, request/response cycle, and HTTP headers. I was able to create an Express server using an instance of the express module which I called app. I used .use, .get, and .post to set routes, filter results by URL parameters, send and manipulate response and request objects, and submit JSON data via a HTTP form.