Lab 1 report

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I first started with the setup description that was found in the instructions. I then proceeded with the database. I believe that I found some tutorial on YouTube the explained everything I needed. After setting up the database and adding some values to the table, I created the functions that I needed. The first one displayed all the books in the books table. The second one displayed all the information about a book that a user would search for.

I had some trouble with the syntax when doing the assignment because I don’t have that much experience with JavaScript. I particularly had difficulties when it came to returning the right data back to the server file. Then I found out about callback which solved the problem at first. Then I attended the lab session and found out that promises where to be preferred and good to use. So, I converted the functions to using promises instead of callbacks. As I understand it, a promise consists of a resolve case and a reject case. After having called the function, depending on the return value, the code will continue in either a “then” part or a “catch” part. The “then” part would correspond to the resolve case and the “catch” part would correspond to the reject case. During the lab I also learned how to define functions using the arrow notation (=>) which was useful since it is used rather frequently.

Other than that, I learned how to set up a server using express. Having done the lab, I am more exited to implement an actual website, with html and css.