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CSC 101

HW 8

CSC 101: Homework Eight

1)

The back-end sever is where the technical process happens. For an example, a website user on Facebook would be interacting with the front-end server. When that user creates their Facebook profile, all their information they put into their profile (name, date of birth, interests, etc.), Facebooks website application would then store the information into the database that was created on the back-end server. The purpose of this is for the information to still be retrievable on the front-end server whenever the user interacts with the website. The front-end severer would be an HTML or CSS style sheet, while a back-end server would be a database or anything to do with storage and security. Three resources for understanding severs are; <https://www.reference.com/technology/back-end-server-d4d0f1b851cd7424>,

<https://www.pluralsight.com/blog/film-games/whats-difference-front-end-back-end>, and <http://codeup.com/different-types-of-programmers-front-end-vs-back-end/>. I personally use these resources to help me understand severs because each resource concisely, and efficiently explains the difference between front-end and back-end severs. The resources do this through examples, comparisons, and evidential facts.

2)

SQL databases are table based databases whereas NoSQL databases are document based. SQL data bases use structured query language for organizing and manipulating data, while NoSQL queries focus on collection of documents. Two resources I found to help explain how to get started with SQL are;

<https://www.microsoft.com/en-ca/learning/sql-training.aspx>, and

https://www.w3schools.com/sql/.

The reason why I chose Microsoft learning is because they offer courses and helpful videos on how to learn to use a database. I learned how to use Microsoft Access myself in grade twelve from watching their videos. The reason why I chose w3schools is because it has been recommended by majority of my csc professors.

3)

<https://babeljs.io>

<https://www.liveedu.tv/livestreams/>

<https://www.w3schools.com/js/>

I got to either of these three links to get up for JavaScript, or w3schools.

Es6 is the new JavaScript language. Three resources that helped me understand what ES6 was are;

<http://dev.venntro.com/2013/09/es6-part-1/>

<https://thenextweb.com/dd/2016/03/09/6-reasons-need-learn-javascript-es6-now-not-later/#.tnw_t6WKcfpa>

<https://benmccormick.org/2015/09/14/es5-es6-es2016-es-next-whats-going-on-with-javascript-versioning/>

4)

<http://readwrite.com/2013/09/30/understanding-github-a-journey-for-beginners-part-1/>

This is a resource I frequently use to help me with git. I believe I use a sublime as an editor.

“subl –n –w”