Homework 8

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Csc 101

1. A back-end server is where the more technical aspects of a webpage are stored in the webpages database. User information and webpage information is stored in the back-end server and processes are done there. Some resources to understand.
2. A SQL database are relational databases that describe how different entities are connected by tables of information using a primary key and foreign key to connect the tables. A noSQL database is very similar but, where information is stored in multiple tables in SQL a no SQL database is not relational and not structured like a SQL database. <http://www.thegeekstuff.com/2014/01/sql-vs-nosql-db/> <https://www.sitepoint.com/sql-vs-nosql-differences/> I liked these two blog type posts about databases because sitepoint.com showed many different examples of SQL and noSQL and thegeekstuff.com’s post would tell a piece of information and then tell how the other is different. I also used the notes I had from csc 105. <https://connex.csc.uvic.ca/access/content/group/e0cce93f-79ce-4342-8db4-ee6963ca831f/Labs/lab5%20_1_.pdf>
3. Promises in ES6 represent the result of a operation, promises results are available in the future by using the promis.then() function. Promises are asynchronous and can either pass or fail and can only succeed once.

Resources: <https://www.sitepoint.com/are-you-writing-es6-javascript-yet/> , <https://www.sitepoint.com/overview-javascript-promises/>

<https://developer.mozilla.org/en/docs/Web/JavaScript/Reference/Global_Objects/Promise>

<http://www.datchley.name/es6-promises/>

<https://ponyfoo.com/articles/es6#promises>

1. The editor unches and shows where the conflict is in the code editor. Once the file has been resolved you would push the resolved version of the document. Git will also try to automatically merge the documents and if it can not it must be done manually. I really found YouTube very helpful in showing the merge process.

<https://www.youtube.com/watch?v=uR-9NGrpU-c>

<https://www.youtube.com/watch?v=zz7NuSCH6II>

<https://www.atlassian.com/git/tutorials/git-merge>

<http://rogerdudler.github.io/git-guide/>