**Discussion Board Forum Assignment:**

In the past week, I have learned how to use Node.JS and it’s own test runner for use with assert and test cases, and have applied the tests to the program code as part of the assignments. I had also learned that:

* Node.JS allows server-side javascript to be a thing in the first place.
* It can read and parse CSV files with use of the “fs” and “csv-parser” libraries/modules.
* I learned about how .pipe and .on methods work in the use case of “fs” and “csv-parser”

I found that the most interesting part of Node.JS and server-side javascript was it’s use of parsing the data from CSV files, due to the involvements of working with real data given and allowing me to simply see the data from having it fed into the program rather than me opening the data, and I can select or decide upon what specific data or value can appear in the program, which can save some time in more practical cases.

Website resources worked best for me, specifically the node.js documentation, because it covers almost every method there is that is from node.js itself. The examples were presented clearly, and they also helped me understand more about how they work and what they can be used for.  
Online videos about Node.JS also work, but not as well compared to the documentations. They do explain other examples outside of documentation about how to use what method for which program goal you have in mind, or simply for you to follow along.  
Going through online forums for specific issues takes very long due to having to also go through non-relevant or incorrect information provided.  
The documentation mixed with some online videos took the least time, since the videos typically show the screen and allows the user to follow along what is provided in said video, and the documentation has concise information that is easy to digest.  
Resources: <https://nodejs.org/docs/latest/api/>, <https://www.youtube.com/watch?v=ENrzD9HAZK4>, <https://www.freecodecamp.org/news/the-definitive-node-js-handbook-6912378afc6e/>.  
  
The Work Breakdown Structure that I use is fair yet could use more specific information, so I’ll add more info if needed.  
  
The Gantt chart that I have uses due dates that are intended to be close by to the due date, but then I realized that I can just space the times out further for the progress of the course, so I will do that next time.  
  
I find that it may be too late for me to get to the student reply part.