**Discussion Board Forum Assignment:**

In the past two weeks, I have better learned how to use Node.JS and its 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:

* It is possible to import variables from other javascript files, rather than just methods/functions.
* I can utilize readline for making the program more visually efficient.
* I can save the record data from the program memory to a new csv file.

I have improved upon my knowledge in:

* How to organize the program structure.
* Using dedicated program code/scripts in other files to call upon.
* The practices in assertion for testing.

I found that the most interesting part of Node.JS and server-side javascript in this case was its use of multiple files in different folders to call upon via imports/requirements, due to its practical use with real project management, and I can have a better view at how the code works and therefore not get confused as to what function does what without having to go through much of the code.

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. If I needed to gain insight on a module not covered in node.js, the documentation on npm or the module’s own documentation and info can be of service.  
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 detail, so I’ll add to that if needed. The process I have for creating one is, in my opinion, good enough to use; I can of course improve on the process if it is called for.  
The Gantt chart that I have uses due dates that are intended to be close by to the due date, but that resulted in that makes it neither overestimated nor underestimated. I kept getting denied to use the intended dates to match as closely to what I want as much as possible, so I will try to figure that out next time.

**Student Feedback Part:**

Star Rating: 5  
  
I have practically taken up and been through the same experience where you learned for to work with CSV files better and where you practiced error-handling. I have even used the same resources, that being the documentation and YouTube videos. While YouTube videos didn’t work best for me, I can still relate to the use of it and the documentation. You’ve done great on pushing through the challenges. Awesome job!