**Assignment 1 – Setup, Debugging, and Diagnostics**

**Disclaimer:**

This course and all other courses in this program use the current LTS version of Node.js, which as of this writing is 16.14.0. Please make sure you download and ***only*** use version 16. It does not matter if the right-most numbers are higher for this course, as long as the major number (the first number) is 16. This is the only version supported and tested against this course’s homework assignments.

**Part 1 – Installation:**

1. Install Node.js using the version manager that is appropriate for your computers Operating System.
2. Using the CLI, display the help menu of the version manager you installed. Take a screenshot of the output.
3. Using the CLI, display the installed version of Node.js. Take a screenshot of the output.
4. Using the CLI, display the installed npm version. Take a screenshot of the output.
5. Using the CLI, display the Node help menu. Take a screenshot of the output.

**Part 2 – Debugging and Diagnostics**

1. Add the provided source file to your GitHub repository under week one.
2. Execute the file in inspect mode with the break flag.
3. Open Chrome’s developer tools and inspect the file. Take a screenshot of the inspect debugger window.
4. Execute the file a second time in inspect mode with the break flag.
5. Open Chromes developer tool a second time and inspect the file. This time add a break point to line 33 in the Chrome inspect window and press the blue play button. Each time the file iterates over the array take a screenshot of the left-hand menu pane. You should see values under the scope section for “currentBook” and “book.” Take screenshots of each iteration with the updated values.
   1. **Special note**. To advance to the next element in the array you will need to press the blue “Resume script execution” button. Also, to receive credit for this portion of the assignment, I need to visually see the book and current book objects being updated with the next element in the array.