Discussion 1.1 Node.js

1. **What does the term, “an asynchronous world” mean to the Node ecosystem?** Asynchronous means that the Node ecosystem can continue to work on something instead of having to wait for one task to finish. However, asynchronous can be hard to work with because it doesn’t just execute the code in one way it can execute the code in many different ways. So, you have to check your code to make sure that it is going to work in many different ways instead of only top down. (Saraswat, P.)
2. **What are callbacks?** A call back is a function that is called upon at the completion of a task. The callback stops any code blocking that is happening and allows the other code to run. (Node.js) These callbacks are pretty much allowing to multiple things to happen at once.

1. **What are event loops?** An event loop looks similar to that of a queue, it runs though certain tasks that have been put in the queue in a “round-robin manner” to complete each one. (Khan, D.)

References

Khan, D. (2017, September 26). What you should know to really understand the Node.js Event Loop. Retrieved April 26, 2020, from <https://medium.com/the-node-js-collection/what-you-should-know-to-really-understand-the-node-js-event-loop-and-its-metrics-c4907b19da4c>

Node.js. (2011, August 26). What are callbacks? Retrieved April 26, 2020, from <https://nodejs.org/en/knowledge/getting-started/control-flow/what-are-callbacks/>

Saraswat, P. (2019, June 8). Asynchronous Adventures with Node.js. Retrieved April 26, 2020, from <https://codeburst.io/asynchronous-adventures-with-node-js-5c7463970efd>