**2-1 Journal: What Makes a Productive Code Review?**

* **What is code review?**

A code review is the process of refining your code written before going to staging. It allows a team to identify several aspects of a program. It answers questions like “Does the code completely and correctly implement the design”? Is the code well-structured, consistent, and clearly formatted?

* **Why is it an important practice for computer science professionals?**

Code Review is an important practice to computer science professionals because it helps mitigate spaghetti code and code that doesn’t function how envisioned. It also gives us the ability to further enhance our codes operations.

* **When and how does it occur?**

Code review usually happens after any automated checks have completed successfully. I would recommend based on research that the code review happen before any code is merged into production. Normally it can also be done before code goes to QA since there is less demand for modification once it’s been tested.

* **What are some code review best practices that you would advocate?**

One of the best practices to reviewing code is keep the amount of code being reviewed short and take your time. Set some metrics or goals that you’d like to accomplish during your code review, these can be based on questions you’ve presented prior to code review. Be sure to annotate or comment frequently so that team members know what’s being implemented.