2-1 Journal: What Makes a Productive Code Review

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Part 1:

1. What is code review?
2. Why is it an important practice for computer science professionals?
3. What are some code review best practices that you read about in the resources that are crucial to include in a code review? Include when a code review should occur in the development process with a rationale as to why.

A code review is when a developer examines a piece of software code for correct structure, documentation, variable usage, arithmetic operations, loops and branches, and defensive programming. It is an important practice for computer science professionals because it allows you to improve code as well as to improve yourself as a programmer. Some of the code review best practices I read about this week are to review fewer than 400 lines of code at a time, review for no more than 60 minutes at a time, set goal and capture metrics, use checklists, and practice lightweight code reviews.

Part 2:

4. What software have you chosen to use to record your code review?
5. Describe your approach to creating an outline or writing a script for your code review for each of the three categories that you will be reviewing based on the rubric as well as the code review checklist.

I will be using ScreenPal to record my code review. My approach to creating an outline and script was to use the code review rubric to answer some questions, then organize it in the order than I plan to present the information.