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CS – 499: Computer Science Capstone

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**Journal: What Makes a Productive Code Review**

Code review is when developers check each other’s code to find mistakes, improve quality, and ensure it works correctly. Code review is important because it helps catch errors early, improves code quality, and helps teams learn and work better together. Some best practices include checking for readability, functionality, security issues, and following coding standards. Code reviews should happen before merging code into the main project to catch problems early and avoid bugs in the final product.

I chose to use Visual Studio because it has built-in tools for reviewing, commenting on, and managing code changes easily. I used the rubric and code review checklist to outline my script by focusing on code correctness, readability, and documentation, making sure I have clear points to check and explain for each.