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Code Reading

Code Swap 2 Report 2

Aaron says that my array bag was an interesting program with unique methods. The spacing and documentation made the analysis of the code easy. It was recommended that I write a prologue comment block to inform the reader what the overall purpose of the program is. However, the documentation at the start of most method helped with understanding what that method’s purpose is. Other methods’ documentation seemed inconsistent and confusing. I needed to explain in my comments how or why a method is being implemented to give the reader a much clearer understanding of that code. The program has good spacing between each method. This allows for distinguishing methods from each other. However, some of the withespacing was inconsistent throughout the program. Some variable names were simple and help understand the code while others were vague and only confuse the reader of their purpose. One example Aaron provided was the variable name myCapacity. Some methods were confusing and serve little purpose for the implementation of the array bag.

I agree with what Aaron Loomis said. Some of the whitespacing was inconsistent with other bits of the code and the naming of some variables could’ve been better. Although most of my comments did help with understanding the code, I could’ve done a better job of explaining why or how I’m doing something rather than just stating the what. I’m going to change my whitespacing in my code to make it look more clean and consistent. I will also think carefully and name variables appropriately so that their purpose is obvious. I will be adding more comments that give short, yet thorough descriptions of the code.

Jason Gould also red my array bag implementation code. Jason commented on how each function had a good description that helped describe what a function does. However, there was no prologue block explaining the overall purpose of the program and its expected behavior. There are no line comments within functions in the code blocks explaining the course of action the code is taking. Most names were chosen well and indentation was consistent. Some inconsistencies did exist in the code. Such as the inconsistent placement of the curly brackets and the excess unnecessary blank space. Code was clearly segmented into easily distinguishable functions. However, some of the algorithms were incomplete. Jason suggested that I spend more time checking my algorithms and make sure implementations of methods are where they belong. This suggests that the code should follow a flow and ensure clarity. Some methods were confusing and serve little purpose for the implementation of the array bag.

I agree with most of Jason’s criticisms of my code. I do feel it is necessary to put a prologue block at the top of the code to introduce the overall objective of the code. My inconsistent placement of curly brackets seems to be a problem. I also do agree with the fact that I had too much whitespace. However, I think that Whitespace is necessary to make code look cleaner. My usage of withespace seemed to be excessive at time. I’ll still use whitespace, but I’ll be more careful with how much I’ll use. I will also be spending more time to write code carefully so that all my algorithms have no errors. I will also try to implement a consistent style to writing code so that my code will be easier to read and understand.