07.03 Post Mortem Review & Analysis

Analysis Questions:

In general, what would it take to write a program that automatically creates Mondrian art?

It would take a pretty complicated algorithm that creates multiple lines in specific spots and one to place the blocks. Of course classes would be used in this case.

What question(s) of your own did you answer while writing this program?

I wondered why it gave me an error when I wrote public class to write another class. Apparently, you can only have one public class per file. I solved the problem by switching it from public class to just class.

What unanswered question(s) do you have after writing this program?

I still wonder why we need the new keyword when we want to call a class in a variable.

Describe the main point of this assignment:

The main point of this assignment was to show me how to use classes in Java. But while learning classes, I also learned Object-Oriented-Programming, or more commonly known as OOP. This assignment also taught me the importance and usefulness of OOP.

Discuss how this assignment relates to a real-life situation:

In real-life, artists use algorithms in a sense. I had to place my points in a specific location and had to create and formulate ways to make the art. Artists also think and formulate where they make a stroke or fill something in.

Reflect on your growth as a programmer:

Module 7 was full of new concepts such as Graphics, Procedural Programming using methods and finally classes in Object-Oriented Programming. I have made better and more efficient programs with classes. Therefore, I say I am growing quickly.

Describe the biggest problem encountered and how it was fixed:

The biggest problem was creating the class at first. I had trouble creating and understanding classes. But after reading the lesson again, I understood and was able to complete the program.

Describe at least one thing that will be done differently in the future:

Since classes and Object-Oriented Programming introduced me to way to make my programs more modular and efficient, I will definitely implement more classes in my programs to keep the typing low.

Suggest how this assignment can be extended:

I suggest that the student make more sophisticated art using classes. Add more methods and more to make the student practice classes and methods.