

## Project Reflection

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The from the process point of view, I was proud of the fact I was able to get the majority of the project done by myself. On the very last night I went to NINJA hours and got a bug involving the colors of my art resolved. Most of the bugs I had been able to manage fixing on my own through the heavy utilization of PythonTutor. In the future I could improve asking the NINJAs questions more frequently as some of the error messages I did not understand even after googling them. I believe my project was appropriately scoped, I was able to get it done on time and still be challenged by the code. It would have been nice to go further on the project but unfortunately I spent the last three days of the project trying to figure out a bug that kept resulting in different bugs every time I fixed it. My plan for unit testing was largely using PythonTutor. What I learned from this project was how different objects behave in python as well as paying attention to what I am returning in recursive functions. I've done quite a few recursive programs in the past with Java but it was fun trying it in python. I wish I knew what the instructions were telling me before I started this project, as I was rather confused by what some functions were supposed to do based on the examples and explanations (sometimes it would tell me to go to one document to get an explanation but that document would tell me to go to the original document (which is not how I wanted to get an explanation on recursion ironically)). I believe more thorough explanations beyond 'modify these functions' would have helped.

My thoughts on computational creativity are that it is interesting, however not necessarily art. It really depends on the context and meaning. In my opinion, art is not necessarily about the technical or aesthetic aspect more so what it conveys, and how effectively it conveys such a thing. Thus, though I believe I was creative in implementing my computational 'art' I don't really believe it is art, because I didn't go into this with the intention of conveying anything, I merely made something that I found aesthetically appealing. However I am not saying that I believe all computational 'art' is not art, just mine is not. Honestly, besides the medium, this does not differ much from traditional art. There are many things called art in the traditional medium yet they do not conform to my personal definition of art as my computationally derived images did not. Whoever constructs the program is the person who is credited with the image creation.

