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Computer Science II

Final Reflection Paper

            For our final CS project, Scott and I expanded upon a question we got on a Differential Equations test relating to investing in a new home. In terms of work, Scott and I worked on the entire project together and built off each other really well. We had a difficult time getting started because we had two different ideas of how we were going to implement the program. I had originally thought that we were going to do one big city class and create a bunch of class objects, but he thought that we were doing a bunch of different classes in general. In the end, we agreed to go with Scott’s idea and create a different class for each various city, which ended up working well.

            In addition, Scott and I both contributed our math skills and creativity to the project. Because I love math, I happily manipulated the differential equation to work with the C++ program, while Scott was helpful with implementing it into our program. We also both decided the back story together, which was great because we built off of each other’s ideas and ended up expanding it to outside of the United States; one way we got creative was by deciding to create a convert currency function to our program.

            From doing this project, I learned that doing things step by step with organization is helpful. I tend to do my projects without any outline or anything, but Scott and I made sure to know what we were doing from the very beginning. This helped us know what exactly in our program was going wrong and figure out how to fix it without having to go through unorganized code. Overall, this project helped me work through the frustration that comes with coding and helped me learn to decrease the number of problems we had by outlining and organizing our code throughout the entire project, right from the beginning.