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CPTS 111

Homework #2

Reflection Essay

Drawing shapes using turtle graphics was not an easy task. I completed the assignment on time, but it does not work how it is supposed to. My code has an error message even after successfully drawing the turtle graphics. One of the struggles was trying to be able to apply the movements text file to the turtle. The .strip did not work I always got errors trying to apply .strip to my code. I had to take an alternate route to solving the task at hand. I noticed that every time the turtle was assigned to move forward or backward it was always at 100 units. Every time the turtle was told to rotate left or right it would only rotate 90 degrees. So I ignored the integers in the movements text file and only focused on R,L,B, and F. I read each line as a list using IF and ELIF statements and ELSE if the line said anything besides R,L,B, and F.

The most fun part of the challenge was understanding more and more how Python operates and knowing more of the language. It was frustrating trying to get it work the right way so I had to think outside of the box to get it to execute the expected result, while still involving the original movements.txt file in the process.

In terms of grading I believe I deserve deductions because it isn’t how it was intended to be coded, but I don’t think I deserve big deductions, because at the end of the day I solved the problem and I did my best to make it work. If you add other information into the movements file you can expect it to still work, unless you change the distance the turtle moves. My way might not be as good as the original but at least I did the thinking on my own and I learned a lot from the experience. One could edit my code to make the turtle to do more things and I believe that, that is an important feature in my code. It is also very easy to do so it may take some time but it won’t be hard. In conclusion, I believe that I did a good job overall, it doesn’t work as intended but it works nonetheless.