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CS 105

My synthesizer was relatively successful. I was able to complete up to Part 3- crafting a functioning note and step class. I believe that these classes went well, and the overall display is clean and functional. However, there were a few errors that still need to be worked out. I believe that Part 4 would have been possible if I had a functioning TriOsc system on my PC. For some reason, TriOsc did not create tones properly. The TriOsc notes, when pressed, crackled loudly and made unpleasant sounds. Although I believe that my code is right, it does not function correctly on my computer. In addition to this, I still needed to create a successful loop method for the notes selected. The step class ran, however, due to the glitch in the TriOsc system, could not properly play/loop a tone. I also think that had TriOsc worked, my visual display of the current step class could have been clearer. I struggled with strokeWeight for a while and did not end up liking the way that the program presents looping through steps. Looking back, I would have made the step counter a physical timer with numbers underneath the BPM scale. Overall, I believe the program was successful in its structure and build. Although its functionality is not the greatest, I am still proud of it!