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Reflection for Homework 5

1. My code does not work, as I have a few errors that I am unable to correct. I believe this was due to me starting the homework later than I wanted to, and thus not giving myself enough time for design at the beginning of the project. I did not engage in enough upfront design, and thus was building many parts of the program on the fly. For the next, bigger homework assignment, I plan to give myself much more time early in the week to engage in more upfront design.
2. My program does not scale well, as it does not work. If I were to get the program running, I still do not believe that it would scale well for Mayor Buttigieg. My design was built around very simple and standard conditions, with train tracks completely orthogonal to the roads. I am sure that would not be the case in an actual railroad crossing, so many changes would have to be made to allow for more time for drivers to stop. Along with this, in a situation with multiple railroad crossings, the timing would have to be adjusted for gates to open and close.