Assignment 3 was probably the hardest one besides the project. Creating the outline was easy and only took a day or two. Making the functions to draw the shapes was not quite easy. It took some time before I got all the shapes pre-drawn onto the canvas. Translating/moving the shapes was the easiest part of the assignment. The easiest shape to complete for translation, rotation and scaling was the line. For scaling, I was able to do triangle, rectangle (though there is some weird behavior after scaling then going to translate it), line, star, circle, and pentagon. Unfortunately, I wasn’t able to implement rotation for anything other than the line shape.





















