

Starting this assignment, I knew it wasn't necessarily complicated. The task was simple, I just needed time. I worked on each class day by day and reserved the last two days for any minor debugging. Having javadocs set aside for what the class should look like made things very easy, and spending one day on each class left plenty of free time. The struggle actually came from calculating overlap and encompassment. My original idea of how to calculate the two was assuming that the x and y coordinate of a plot defined the center and not the upper left corner. Figuring out how to calculate overlap and encompassment was a struggle, up until I did some research and realized that by calculating the coordinates of the bottom right corner, overlap and encompassment got easier. Another ignorant thing was not doing null checks on any of my for loops, which boggled me as the tests failed. All in all the time management was much better than before and having classes planned out made things very easy.