Project 4 Individual Write-Up

1. **Questions about the project:**
   1. What is your name and your partner's name?

Zachary McNulty (Partner: Mahir Bathija)

* 1. How was the project? Did you enjoy it?

It was kind of fun. I liked how the project itself involved a bit more abstraction in terms of the application of data structures. It was cool to get to work with so many different objects and to delve into generics in a more complicated way. ArrayDisjointSet gave me a bit of an appreciation for those niche data structures that can come in incredibly handy, and how a simple idea can be so powerful.

* 1. Do you have any suggestions for improving the project?

I thought the testing code was pretty difficult to break down. This made it hard for us to write our own tests to find the behavior we are looking for. I wish we were provided a bit more material to make this testing process a bit easier. Also, I wish the project

1. **Questions about your partner:**
   1. How did you feel about pair programming this assignment?

It was alright. It was hard for us to find time to meet on this project, and that complicated things a bit. We found it useful to discuss our ideas and possible algorithms online first, then come to meet in-person to write the actual code. I thought this was helpful because it kept us from sitting there stuck on a problem and wasting the time we had to meet-up. Instead, we could kind of hit the ground running.

* 1. How was your partnership?

Great. We both did our fair share and contributed good ideas. He has been my partner for the last few projects and we have become a pretty good team by now. I think it helps that we have worked together before, because we have gotten good at communicating and sharing ideas effectively, which seems like half the battle.