Program three was very interesting to me. I was excited to do this program, so it felt a lot more enjoyable to work through than the others. I was able to write the entire hashTable class in about three hours. It felt like it was making a lot of sense to me, but writing the driver is where I had issues. I guess I didn't understand the whole point of not ever sending an unhashed password to the server fully. I thought that none of my functions worked because every time I tried to login it just never said login successful. So, I tediously went through my entire hashTable class and thought I was stuck. I then went back to the top of the instructions where the purpose of the program was explained, and I saw that I had to use sha256 before I sent the passwords to my functions, and it worked.

Over the course of these programs, I have started to realize that prewritten code and specific instructions are a little bit annoying to deal with. It really is hard to understand what a person was trying to do with their functions, especially if they all build off of each other. In all of these programs, I haven't gotten stuck on implementation. I have gotten stuck on understanding how to write my code to be compatible with the creator of the instructions/ prewritten code's ideas. It's also a lesson in creating code that is easy to understand for others.