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Reflection of Program 3

This program ended up being simpler than I expected for a program given late in the semester.

This program involved using a hash table to access entries in a database. The hash table included functions to construct, validate, and delete an entry. All of these functions seemed very straightforward if planned accordingly. I could see someone having problems with these functions since it involves some cases which might not be typically thought about like having to append a salt if the user was not found because otherwise the compiler gets upset. This program didn't take a lot of time to debug especially when comparing the other two programs. On the one hand, if I had to describe what was the biggest problem was for the program, it was calling these functions in the driver.cpp and having to get or generate a salt, append the salt to the password, and hashing the password using the sha256() function. Other than that, I feel like I am starting to grasp the concepts of understanding how to create certain functions more firmly.