5-1 Programming Journal

By using hashing we can speed up our code’s performance. It allows for us to access data through different structures to find the storage we need to return quicker. When writing your code using hashing you can select to start your search from Top or Bottom of storage. We also need to be careful that our data stored does not collide which hashing helps reduce so that if two rows of storage have the same unique value, we can determine which one is best to return based on users input.

Hashing algorithms are great for password verification or even cryptography. Hashing provides for insert, delete, and constant time search operations which makes it one of the most used data structures.