CS 3310
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This application uses a hash function to encrypt and store student's name. One of the big assumptions here is that the student names cannot be the same. The data gets stored into a txt file. You can look up a record or delete a record by value or by name. The data is stored in an array list and gets manipulated, at the end it saves the array list to the file.

It appears that once the value is hashed to add and retrieve it is constant time of 1, which is what we expect from the theoretical model. It looks like the hashing is fast, however the creating, reading and saving file is tedious and time consuming.

Perhaps a better way to store it would be in a hash table and have a hash map, but that was outside of the scope for this project.

This code is run on a 2.5GHx i7, with 16 GB RAM and GeFroce GT 750M 2GB MacBook Pro.