This program takes a dictionary of passwords and runs them through an algorithm to get the hash value with all the possible combinations of salt. It then saves them to a file called hashed.txt. After that, you type in a hash value to see if you can recover the password. If you only type part of a hash value in, the program will give you all possible passwords that have the sequence somewhere in the hash value. To run:

1. Type javac SaltedHash.java into Eustis to compile

2. Type java SaltedHash to run the program

3. Type in the password file name: password.txt

4. type in a hash value to see if it is in the dictionary, or type exit to close the program.

