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ICS 212

P2 Test Report

All primary functionality works properly. If given more time, I would enhance error handling and display output.

Comments received on P1:

There were two issues with read/write: 1) Saving/reading to different files – this has been fixed.

2) Error in the way filenames were passed for read/write – I believe this has been fixed in P2, but I did not have a chance to test on other systems/compilers for full confirmation.

There was also a UI suggestion for modifyRecord to check for a valid account number before asking user for a new address. I implemented this using printRecord, which also has the benefit of confirming the account to modify.

Additional features:

Included an entry menu that allows the user to choose between 1: the default constructor (with a default filename), 2: the alternate constructor, allowing the user to select their own database file (per email with Rob).

3rd on the menu was going to be the extra credit – using the overloaded assignment operator. In testing, when this option was used, writefile did not perform properly, so this menu option was disabled (unfortunately removed hastily, just a message saying “sorry, that doesn’t exist”.

If given additional time, I would also add more error handling to readfile, for any instance when a float is received from file instead of an int.

I would also add more error handling and warning messages for all 3 items in the entry menu – in particular, something to check whether a file exists and ask for confirmation, and a check that prevents overwriting database.txt.