

Test Cases

Test Name	Description
testBid	Test that bid can successfully update the bid on an item (100% statement coverage)
testAdvertise	Test that advertise can successfully add an item to the availableItems. Add two items and test that they are added correctly (100% statement coverage)
testDecAuctionDays	Test that decAuctionDays function successfully decreases the number of days left for each item. (100% statement coverage)
testAddUser	Test that addUser function will successfully add a new user information into the user accounts file. (100% statement coverage, 100% decision coverage)
testDeleteUser	Test that deleteUser function will successfully remove a user's account information from user accounts file. (100% statement coverage, 100% decision coverage)
testAddCredit	Test that the add credit function will successfully add credit into a user's account. (100% statement coverage, 100% decision coverage)
testRefund	Test that the refund function will successfully return credits from the seller to the buyer. (100% statement coverage, 100% decision coverage)
testParseLine	Test that Main.parseLine correctly parses each transaction. (100% statement coverage)

Changes

Test Name	Description	Fix
testBid	Bug found in file parsing: itemName and sellerName were mixed up.	Change Main and test case to reflect the function's parameters

testAdvertiser	Added extra newline before appending the new item	Remove one newline character from the code.
testAuctionDays	Remaining days weren't decreased.	Add -1 to loop to decrease the days remaining for each object
testAuctionDays	Auctions with 0 days remaining would	
testAddUser, testAddCredit, testRefund	Credits was not formatted correctly	Used string.format to format credits properly and appended 0 until length is of credits is 9
testDeleteUser, testAddCredit, testRefund	All users were being deleted	Store data in a string and write after reading instead of trying to do both at the same time
testRefund	Credit transfer still went through if either seller or buyer were missing	Check to see if both seller and buyer are users before updating credits
testAddCredit, testRefund	Users could have credits over the credit limit	Check to see if user's credit is over the limit before updating credits
testRefund	Users could have credits in the negative	Check to see if user's credit is negative before updating credits
testParseLine	Wrong characters parsed for credit on some cases	Change substring to be correct