

CurrentUserAccounts

newUserAccount: String

mainUserAccount: String

addUser: String userName, String pass, String accType, float credits (Adds a user to the main account file)

addCredit: String userName, float amount, String user (add credit to user account)

deleteUser: String user (Deletes user from the main account file)

refund:String seller, String buyer, double amount(Refund amount of credit to user)

CurrentUserAccounts is a static class and it will read/write from and to the available items file

Main

main(): iterates through DTF

parseLine: String line (parses aline into important information then calls appropriate function)

Main will read through DTF and call the appropriate function.

AvailableItemFile

bid: String seller, String itemName,String buyer, float bidAmount (change big)

advertise: String seller, String itemName, float startBid, int duration (creates a new advertisment)

decAuntionDays: (Decrease number of days for auctions)

addSpaces: String str, int numChars (adds spacces to a string for format purposes)

formatAmount: String str (Test if formatting an amount works with valid data and fails with invalid data. Assess amount formatting logic, input validation, and error messages in formatAmount())

formatDaysLeft: String str (Parse int and format daysLeft add preceding)

testFormtatDaysLeft: String str (format daysleft)

AvailableItemFile is also static and will read and write from and to the available items file

Use

use