package/app/__init__.py (empty)

Method	Description	Parameters	Return

package/app/formats.py

Method	Description	Parameters	Return
formatSession	Takes the current session file, performs the transactions and formats the transactions into the transaction summary file	Session file Transaction summary file	None
formatLine	Formats the current transaction, account numbers, names and values into the standard transaction summary file format	Transaction code From account number To account number Amount Account name	A formatted string for the transaction summary file
TransactionCode Class	Declares transaction codes - enumerated types.	Enumerated Type	None
Transaction Class	Declares transaction function names (eg. "login/logout" etc.) - enumerated types.	Enumerated Type	None
SessionMode Class	Declares session mode codes - enumerated types.	Enumerated Type	None

package/app/app.py

Method	Description	Parameters	Return
login	User logs into the front-end. Session file is updated. Asks user for which mode they want to use.	Instance of class	None
logout	Log out of the front-end. Updates the session file, the writes to the transaction summary file.	Instance of class	None
createAcct	Prompts user for an account number and a name for the new account. Session file is updated with the new information.	Instance of class	None
deleteAcct	Prompts user for a number and name for the account they wish to delete. Session file is updated with the new information.	Instance of class	None
deposit	Takes account number and transaction amounts from user and adds transaction to the session	Instance of class	None
withdrawal	Takes account number and transaction amounts from user and adds transaction to the session	Instance of class	None
transfer	Takes account numbers and transaction amounts from user(s) and adds transaction to the session	Instance of class	None
menuOptions	Sets the menu with the available transactions for the respective mode.	Instance of class	None
display	Display the available transactions the user has.	Instance of class	None
sessionWrite	Writes a line to the session file.	Instance of class Line content (string)	None
__init__	Default constructor. Sets up the current session file, valid account list file and transaction summary file.	Instance of class Valid Accounts List File Transaction Summary File	None

package/__init__.py (empty)

Method	Description	Parameters	Return

package/__main__.py

Method	Description	Parameters	Return
If __name__ == '__main__:	Runs the app.py file within the app package to start the frontend session. Currently doesn't process user input from script. Just sets the file names (for now).	Valid Account List File Transaction Summary File	None

package/frontend.sh

Method	Description	Parameters	Return
None	Script runs the __main__.py file in /package/ when ran.	Valid Accounts List File as argument 1 Transaction Summary File as argument 2	None