

Wallet Program User Guide

Goal of the Program:

Wallet application is a program that keeps track of personal financial transactions and manages them accordingly. Users can register incomes and expenses, categorize them, view financial summaries, and track changes over time according to user-defined time periods. The application supports the loading and saving of data into a file for continuous record-keeping.

Instructions on How to Use the Program:

Start the Program

Compile the program using a C compiler, then execute it to display a menu for interacting with the wallet.

Menu Options

1. Load Database: Load previously existing transaction data file, that is transactions.txt as input source.
2. Save Database: Save current transaction data into transactions.txt.
3. Add Entry: Add a transaction by specifying the date (YYYY/MM/DD), the transaction's type (income/expense), category and the amount.
4. Edit Entry: Alter an existing transaction with the index of the transaction and the new details.
5. Delete Entry: A transaction can be deleted with the help of its index.
6. Display Totals: Gives total income, expenses, balance, and the highest expenditure on the category.
7. Display Statistics: Display total income and expense within the defined range of dates.
8. List Categories: Display all used categories within the wallet.
9. Exit: This terminates the program.

Navigating the Program

Select the menu number which describes the operation you want to be executed and follow to provide any relevant additional information.

File Operations

Load: It reads data from transactions.txt if the file exists.

Save: Data is saved to transactions.txt in the current working directory.