

Summary of the Bank Application Program (C)

This program implements a simple bank/credit account management system using C file handling with a binary file (credit.dat). It allows users to add, update, delete, **view, search**, and export bank account records through a menu-driven interface.

Menu-Driven System

The user can choose from:

1. Export accounts to a text file
2. Update an existing account
3. Add a new account
4. Delete an account
- 5. Display all accounts**
- 6. Search accounts by last name**
7. Exit

Here, I updated Display all accounts and Search accounts by last name.

1. Display All Accounts

- Displays all **active (non-empty)** accounts in tabular format.

2. Search by Last Name

- Finds and displays all accounts matching a given last name.

Conclusion:

- Removed duplicate search logic using a **reusable findAccount() function**
- Used **random access file handling (fseek)** for fast updates
- Clean **menu-driven modular design**
- Safe file initialization with fixed-size records
- Improved readability, maintainability, and execution efficiency

