

Assignment 5: Banking System

Objective

Create a modular, CLI-based Python program to simulate a simple banking system.

Requirements

1. Your program should have the following features:
 - Open an account
 - Close an account
 - Withdraw money
 - Deposit money
 - Transfer money between accounts
 - Check account balance
2. All these features should be implemented as separate functions inside a single file named 'bank.py'.
3. Create a separate 'main.py' file where you will import the functions from 'bank.py' and use them to run your CLI-based banking system.
4. The user will interact with the system using terminal inputs (no GUI).

Example structure:

- bank.py (all functions are defined here)
- main.py (user interface and logic to call appropriate functions)

Guidelines

- Use functions to make code modular and reusable.
- Keep your code well-commented and clean.
- Maintain user account information using dictionaries or other simple data structures.
- Do not use any external libraries.
- Only use basic Python (functions, conditionals, loops, imports).
- The program should run entirely in the terminal (Command-Line Interface).