

BankEase: Console Banking System

Overview

BankEase is a simple console-based banking system developed using **Python**. It demonstrates core **Object-Oriented Programming (OOP)** concepts through practical banking operations such as deposits and withdrawals. The project is designed for beginners to understand how real-world systems can be modeled using programming fundamentals.

Objective

The primary objective of BankEase is to simulate basic banking functionalities while helping learners:

- Understand object-oriented design
- Practice class and object usage
- Implement real-life logic using Python

Features

- Create a bank account
- Deposit money into an account
- Withdraw money from an account
- Display account balance
- Input validation for transactions
- Simple and user-friendly console interface

Problem Statement

Beginners often struggle to connect programming concepts with real-world applications. BankEase solves this problem by providing a practical example of how banking logic can be implemented using Python and OOP principles.

Technologies Used

- **Programming Language:** Python
- **Concepts:**
 - Object-Oriented Programming (Classes & Objects)
 - Methods and Attributes
 - Conditional Statements
 - User Input Handling
- **Platform:** Console-based application

Learning Outcomes

- Understand how classes represent real-world entities
- Learn method creation and object interaction
- Gain confidence in writing structured Python programs
- Apply logic to handle real-life scenarios like banking operations

Intended Audience

- Beginners learning Python
- Students studying Object-Oriented Programming
- Anyone looking for a simple Python practice project