

Daily Diary for Day 8

Date: 15th June 2024

Object-Oriented Programming Exercises

Vehicle and Inheritance

- Worked on creating a base Vehicle class.
- Developed Car and Motorcycle subclasses with unique attributes and methods for starting and stopping the vehicles.

Bank Account Management

- Implemented a BankAccount class focusing on encapsulation for managing balance.
- Added methods for depositing and withdrawing money, ensuring proper handling of insufficient funds.

Library System

- Created a Book class with attributes for title, author, and ISBN.
- Developed a Library class to manage book collections, including adding, removing, and listing books.

Employee Management System

- Designed an Employee class with attributes such as employee ID, name, position, and salary.
- Implemented a Department class to handle employee management tasks, including adding, removing, and listing employees.