Laboratory Exercise #7

Abstraction

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Section: *BSCPE 1-5*

Date: *April 29, 2025*

Instructions: Create a simple **Vehicle Rental System** where people can rent different types of vehicles (Car, Bike, Truck).

- Create an abstract class Vehicle with:

    o Abstract methods: calculate_rental_cost(hours) and get_vehicle_type().

- Concrete classes like Car, Bike, and Truck must implement these methods.

- Each vehicle type has different rental cost rules (e.g., trucks are more expensive than bikes).

- Add a RentalService class that can:

    o List available vehicles.

    o Calculate the total rental cost for selected vehicles.

    o Include discounts for rentals over a certain number of hours.