

## Java Assignment: Inheritance and Method Overloading (Vehicle Hierarchy)

### Objectives:

1. Implement method overloading.
2. Use inheritance to create a hierarchy of vehicle types.
3. Overload methods to display different details based on input parameters.

### Instructions:

1. Create a base class Vehicle with common attributes (brand, model, and year), constructor, and methods (with one overloaded method named "displayVehicleDetails()". It will be overloaded with the derived class method).
2. Create derived classes Car, Truck, and Motorcycle (with extra attributes and methods if necessary).
3. Implement overloaded methods to display vehicle details.