

The provided Java program demonstrates the use of an interface named **vehical** and three classes (**Car**, **Bike**, **Bicycle**) that implement this interface. Each class represents a different type of vehicle, and they provide implementations for the methods declared in the **vehicle** interface: **changegeard()**, **ApplyBreak()**, and **Speedup()**.

1. **Interface - vehicle:**

- Declares three methods: **changegeard()**, **ApplyBreak()**, and **Speedup()**.

2. **Class - Car:**

- Implements the **vehicle** interface.
- Provides specific implementations for the methods related to a car.

3. **Class - Bike:**

- Implements the **vehicle** interface.
- Provides specific implementations for the methods related to a bike.

4. **Class - Bicycle:**

- Implements the **vehicle** interface.
- Provides specific implementations for the methods related to a bicycle.

5. **Class - Rutu (main class):**

- Contains the **main** method where the program execution begins.
- Demonstrates polymorphism by creating an instance of the **vehicle** interface and assigning objects of different classes to it.
- Calls the methods on the **vehicle** interface to showcase the specific implementations provided by each class.

6. **Output:**

- The program prints messages to the console based on the specific implementations of the methods in each class.
- It creates instances of **Car**, **Bike**, and **Bicycle** and invokes their methods through the **vehicle** interface.

The program showcases the concept of polymorphism and the ability to use a common interface to interact with different types of objects. The output will display messages indicating the actions related to changing gears, applying brakes, and speeding up for each type of vehicle.