

Design Pattern Template

```
public abstract class Vehicle {
    protected boolean status;

    public abstract void start();
    public abstract void run();
    public abstract void stop();

    public void test() {
        start();
        if (status) {
            run();
            stop();
        }
    }
}

public class Car extends Vehicle {
    public void start() {
        status = true;
    }

    public void run() {
        System.out.println("car - run");
    }

    public void stop() {
        System.out.println("car - stop");
    }
}

public class Truck extends Vehicle {
    public void start() {
        status = true;
    }

    public void run() {
        System.out.println("truck - run");
    }

    public void stop() {
        System.out.println("truck - stop");
    }
}
```

```
public class Application {  
    public static void main(String... args) {  
        Car car = new Car();  
        test(car);  
  
        System.out.println();  
  
        Truck truck = new Truck();  
        test(truck);  
    }  
  
    public static void test(Vehicle vehicle){  
        vehicle.test();  
    }  
}
```