//WAP in java for partial implementation on interface

interface Vehicle {

 void start();

 void stop();

 void accelerate();

}

abstract class Car implements Vehicle {

 // Partial implementation: only start() method is implemented

 public void start() {

 System.out.println("Car is starting");

 }

 // The stop() and accelerate() methods are not implemented,

 // so the class must be declared as abstract.

}

class Sedan extends Car {

 // Implement the remaining methods

 public void stop() {

 System.out.println("Car is stopping");

 }

 public void accelerate() {

 System.out.println("Car is accelerating");

 }

}

public class Main {

 public static void main(String[] args) {

 // Create an instance of Sedan, which is a fully implemented class

 Sedan mySedan = new Sedan();

 mySedan.start(); // Output: Car is starting

 mySedan.accelerate(); // Output: Car is accelerating

 mySedan.stop(); // Output: Car is stopping

 }

}