Solution Review: Associate Vehicle and Its Driver

This lesson gives the solution to the challenge: "Associate Vehicle and Its Driver", with a brief explanation.

WE'LL COVER THE FOLLOWING ^

- Solution
 - Explanation

Solution

```
// Vehicle class
class Vehicle {
   String model;
   int id;
   Vehicle(String model, int id) { // Parameterized constructor
            this.id = id;
      this.model = model;
   }
}
class Driver {
   String driverName;
   Vehicle vehicle;
   Driver(String name, Vehicle v) { // Parameterized constructor
            vehicle = v;
            this.driverName = name;
   }
}
class Main {
   public static void main(String args[]) {
      // Creating a Vehicle object with model: "Volvo S60", and id: "4453"
      Vehicle vehicle = new Vehicle("Volvo S60", 4453);
      // Creating a Driver object having name: "John" and passing the
      // vehicle in its constructor
            Driver driver = new Driver("John", vehicle);
            System.out.println(driver.driverName +
                         " is a driver of car Id: " + driver.vehicle.id);
```

}	

Explanation

- Line 8: This constructor simply initializes the member variables i.e. id and model.
- Line 17: The class **Driver** declares a **Vehicle** object which is then initialized in the constructor.
- Line **30**: This line declares and initializes a Vehicle instance.
- Line **33**: This line initializes a **Driver** object and passes the **vehicle** in its constructor.
- Line **34**: It simply prints out the **driverName** along with its *vehicle* **id**.