

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

```
1  // Vehicle class
2  class Vehicle {
3
4      String model;
5      int id;
6
7      Vehicle(String model, int id) {
8          this.id = id;
9          this.model = model;
10     }
11
12 }
13
14 class Driver {
15
16     String driverName;
17     Vehicle vehicle;
18
19     Driver(String name, Vehicle v) {
20         vehicle = v;
21         this.driverName = name;
22     }
23
24 }
25
26 class Main {
27
28     public static void main(String[] args) {
29         // Creating a Vehicle object
30         Vehicle vehicle = new Vehicle("Car", 1);
31         // Creating a Driver object
```



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*.