

Solution Review: Calling a Constructor from a Constructor

This review provides a detailed analysis to solve the 'Calling a Constructor from a Constructor' challenge.

We'll cover the following

- Solution
- Explanation

Solution

```
1 // Car class
2 class Car {
3
4     // Private Fields
5     private String carName;
6     private String carModel;
7     private String carCapacity;
8
9     // Default Constructor
10    public Car() {
11        this.carName = "";
12        this.carModel = "";
13        this.carCapacity = "";
14    }
15
16    // Parameterized Constructor
17    public Car(String name, String model, String capacity) {
18        this.carName = name;
19        this.carModel = model;
20    }
21
22    // Parameterized Constructor
23    public Car(String name, String model, String capacity) {
24        this(name, model); // call parameterized constructor
25        this.carCapacity = capacity;
26    }
27
28    // Method to return car details
29    public String getDetails() {
30        return this.carName + ", " + this.carModel + ", " + this.carCapacity;
31    }
32 }
```



Explanation

The solution is straightforward.

- **Line 24:** parameterized constructor with two parameters is called.
- **Line 25:** Third parameter is assigned to the respective field.