

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

```
// Car class
class Car {

    // Private Fields
    private String carName;
    private String carModel;
    private String carCapacity;

    // Default Constructor
    public Car() {
        this.carName = "";
        this.carModel = "";
        this.carCapacity = "";
    }

    // Parameterized Constructor 1
    public Car(String name, String model) {
        this.carName = name;
        this.carModel = model;
    }

    // Parameterized Constructor 2
    public Car(String name, String model, String capacity) {
        this(name, model); // calling parameterized Constructor
        this.carCapacity = capacity; // Assigning capacity
    }

    // Method to return car details
    public String getDetails() {
        return this.carName + ", " + this.carModel + ", " + this.carCapacity;
    }
}
```

```
class Demo {  
  
    public static void main(String args[]) {  
        Car car = new Car("Ferrari", "F8", "100");  
        System.out.println(car.getDetails());  
    }  
  
}
```



Explanation

The solution is straightforward.

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