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 ^

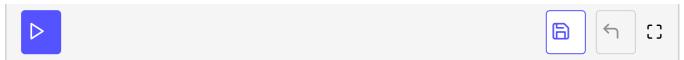
- Solution
 - Explanation

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.