

Challenge 2: Calling a Constructor from a Constructor

Can you call a constructor from another constructor? A solution is placed in the "solution" section to help you, but we would suggest you try to solve it on your own first.

We'll cover the following ^

- Problem Statement
 - Input
 - Output
 - Sample Input
 - Sample Output
- Coding Exercise

Problem Statement

A class can have multiple parameterized constructors which can call each other.

You are given a partially completed code of a `Car` class in the editor. Modify the parametrized constructor which assigns parameters to the required fields.

Input

carName, carModel, carCapacity

Output

carName, carModel, carCapacity

Sample Input

```
"Ferrari", "F8", "100"
```

Sample Output

```
"Ferrari", "F8", "100"
```

Coding Exercise

First, take a close look and design a step-by-step algorithm before jumping to the implementation. This problem is designed for your practice, so initially try to solve it on your own. If you get stuck, you can always refer to the solution provided in the solution section.

Good Luck!

```
// 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) {
        // Write your code here
    }

    // Method to return car details
    public String getDetails() {

        return this.carName + ", " + this.carModel + ", " + this.carCapacity;
    }
}
```



The solution will be explained in the next lesson.

