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**Task: Creating a Simple Car Class**

**Important: You have to complete your task and post in on LinkedIn tagging me and SkillifyZone in it till 10-02-2024 10 PM in order to be eligible for certificate.**

**Objective:**  
Apply the concepts of functions, classes, constructors, getters, setters, inheritance, and method overriding.

**Task:**

1. **Create a Car Class:**
   * Define a Car class with the following attributes:
     + brand (Positional Argument)
     + model (Positional Argument)
     + year (Named Argument with a default value)
     + price (Named Argument with a default value)
   * Create a parametrized constructor to initialize these attributes.
   * Implement getters and setters for the price attribute.
2. **Add a getCarInfo Method:**
   * Implement a method called getCarInfo that returns a string containing all the car details.
3. **Create a LuxuryCar Subclass:**
   * Define a LuxuryCar subclass that inherits from the Car class.
   * Add an additional attribute luxury\_tax (Named Argument with a default value).
   * Override the getCarInfo method to include the luxury\_tax information.
4. **Testing the Classes:**
   * Instantiate a Car object and a LuxuryCar object.
   * Print the car information using the getCarInfo method for both objects.

**Example Output:**

Car: Toyota Corolla, Year: 2020, Price: $20,000

Luxury Car: BMW X5, Year: 2022, Price: $50,000, Luxury Tax: $5,000