Classroom <4> Demonstrating Methods and Objects in Java class

Learning Objective:

To understand the implementation of class methods, objects and their usage.

Expected Completion Time:

Best Case: 15 minutes
Average Case: 20 minutes

Assignment Details:

Create a class named Browser with two methods as launchBrowser(String browserName) and loadUrl()

Execute both the methods using object from main method

Requirements:

1. Create a Java class named Browser

    -Create methods as launchBrowser(String browserName) with one input argument

    -Print the statement "Browser launched successfully"

    -Add return statement to return the browserName

    -Create a method as loadUrl()

    -Print the statement "Application url loaded successfully"

2. Create an object for Browser Class in the main method, call two methods, and then run the code

3. Create another Class EdgeBrowser and create an object for Browser in the main method and call both methods of Browser class of Browser class from EdgeBrowser and execute

Hints to Solve:

Method Declaration: Define the methods launchBrowser and loadUrl within the Browser class, specifying their return types (if any) and parameters.

Object Creation: Class object can be created within main method within the same class as well as in different class

Expected Outcome:

By completing this assignment:
*You gained hands-on experience in creating classes, defining methods, passing arguments, returning values. How to use objects to call methods and execute.
*These skills are fundamental to object-oriented programming and form the basis for building complex software systems.