**8.4- Exercise – Library**

**Exercise**

Enhance the Library Class with Additional Functionality

**Task**

1. Add a method displayLibraryInfo() to the Library class that prints a formatted string with the library's name, number of books, and address.
2. Implement a method addBooks(int additionalBooks) that increases the numBooks by the given number of additionalBooks.
3. Modify the MainClass to call these new methods and demonstrate their functionality.

**Hints**

* displayLibraryInfo() should print: "Library Name: [name], Number of Books: [numBooks], Address: [address]".
* addBooks(int additionalBooks) should check if additionalBooks is positive before adding to numBooks to prevent invalid input.
* In MainClass, after updating the library details with the setters, call displayLibraryInfo() and addBooks() to show their usage.

**Explanation**

This exercise will reinforce your understanding of adding methods to a class for enhanced functionality. By creating and using displayLibraryInfo() and addBooks(), you will practice modifying and displaying class data dynamically. This also illustrates how classes can encapsulate logic for handling their own data.