Exercise 7: Constructor & Setter Injection

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Generated: 2025-07-06 09:49
Scenario:
Demonstrate both constructor ■based and setter ■based DI.
1. BookService.java
    private final BookRepository bookRepository;
    // constructor injection
    public BookService(BookRepository bookRepository) {
        this.bookRepository = bookRepository;
        System.out.println("BookService via constructor");
    }
    // optional setter
    public void setBookRepository(BookRepository bookRepository) {
        System.out.println("BookService via setter");
applicationContext.xml
    <!-- constructor injection -->
    <bean id="bookService" class="com.library.service.BookService">
       <constructor-arg ref="bookRepository"/>
        <!-- setter option -->
        cproperty name="bookRepository" ref="bookRepository"/>
    </bean>
3. Test: Run LibraryManagementApplication to confirm both injection paths executed.
```