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- **IndexController.java**

```
package com.example.demo.controller;

import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.GetMapping;

@Controller

public class IndexController {
    @GetMapping("/")
    public String index(Model model) {
        model.addAttribute("book");
        return "index";
    }
}

//    @PostMapping("/register")
//    public String registerUser() {
//        //
//        return "index";
//    }
//
//}
```

- **User.java**

```
package com.example.demo.model;

//import java.util.Date;

public class User {

    private String ISBN;
    private String Book;
    private String Author;
    // private Choice Role;
    public String getISBN() {
        return ISBN;
    }
    public void setISBN(String isbn) {
        ISBN = isbn;
    }
    public String getBook() {
```

```
    return Book;
}
public void setBook(String book) {
    Book = book;
}
public String getAuthor() {

    return Author;
}
public void setAuthor(String author) {
    Author = author;
}
@Override
public String toString() {
    return "User [isbn=" + isbn + ", Book=" + Book + ", Author=" + Author + "]";
}
}
```

- **Books1Application.java**

```
package com.example.demo;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication
public class Books1Application {

    public static void main(String[] args) {
        SpringApplication.run(Books1Application.class, args);
    }
}
```

The screenshot shows a Java project structure in the left sidebar under 'books-1'. The 'src' folder contains 'main' and 'test' packages. 'main' contains 'java' and 'com.example.demo' packages. 'com.example.demo' contains 'controller' and 'model' packages. 'controller' contains 'IndexController'. The 'IndexController.java' file is open in the editor, showing the following code:

```
package com.example.demo.controller;
import ...
@Controller
public class IndexController {
    @GetMapping("/")
    public String index(Model model) {
        model.addAttribute("attributeValue", "book");
        return "index";
    }
    // @PostMapping("/register")
    // public String registerUser() {
    //     return "index";
    //}
}
```

The screenshot shows the same Java project structure. The 'User.java' file is now open in the editor, showing the following code:

```
package com.example.demo.model;
//import java.util.Date;
no usages
public class User {
    3 usages
    private String ISBN;
    3 usages
    private String Book;
    3 usages
    private String Author;
    // private Choice Role;
    no usages
    > public String getISBN() { return ISBN; }
    no usages
    > public void setISBN(String isbn) { ISBN = isbn; }
    no usages
    > public String getBook() { return Book; }
    no usages
    > public void setBook(String book) { Book = book; }
    no usages
    > public String getAuthor() { return Author; }
    no usages
    > public void setAuthor(String author) { Author = author; }
    @Override
    > public String toString() { return "User [ISBN=" + ISBN + ", Book=" + Book + ", Author=" + Author + "]"; }
}
```

The screenshot shows the IntelliJ IDEA interface with the project 'books-1' open. The 'Books1Application.java' file is the active tab in the code editor. The code is as follows:

```
package com.example.demo;
import ...
@SpringBootApplication
public class Books1Application {
    public static void main(String[] args) { SpringApplication.run(Books1Application.class, args); }
}
```

The screenshot shows the IntelliJ IDEA interface with the project 'books-1' open. The 'Books1Application.java' file is the active tab in the code editor. Below the editor is a terminal window showing the application's startup logs:

```
"C:\Program Files\Java\jdk-20\bin\java.exe" ...
[ 2023-10-21T12:52:28.802+04:00 INFO 15712 --- [           main] com.example.demo.Books1Application      : Starting Books1Application using Java 20.0.2 with PID 15712 (C:\Users\prash\books-1\build\classes\java\main) started by
[ 2023-10-21T12:52:28.804+04:00 INFO 15712 --- [           main] com.example.demo.Books1Application      : No active profile set, falling back to 1 default profile: "default"
```

The screenshot shows a Java development environment with the following components:

- Project Tree:** On the left, it shows a project named "books-1" with a "src" folder containing "main", "java", "com.example.demo", "controller", "model", and "User".
- Code Editor:** The main area displays three tabs: "IndexController.java", "User.java", and "Books1Application.java". The "User.java" tab is active, showing the following code:

```
package com.example.demo.model;  
//import java.util.Date;  
  
no usages  
public class User {  
  
    3 usages  
    private String ISBN;  
    3 usages  
    private String Book;  
    3 usages  
    private String Author;  
    // private Choice Role;  
    no usages  
    > public String getISBN() { return ISBN; }  
    no usages  
    > public void setISBN(String isbn) { ISBN = isbn; }  
    no usages  
    > public String getBook() { return Book; }  
    no usages  
    > public void setBook(String book) { Book = book; }  
    no usages  
    > public String getAuthor() { return Author; }  
    no usages  
    > public void setAuthor(String author) { Author = author; }  
    ...  
}
```

- Terminal:** Below the code editor is a terminal window titled "Run" showing application logs:

```
2023-10-21T12:52:28.802-04:00 INFO 15712 --- [           main] com.example.demo.Books1Application      : Starting Books1Application using Java 20.0.2 with PID 15712 (C:\Users\prash\books-1\build\classes\java\main started by prash in C:\Users\prash\books-1)           : No active profile set, falling back to 1 default profile: "default"  
2023-10-21T12:52:29.588-04:00 INFO 15712 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port(s): 8080 (http)  
2023-10-21T12:52:29.595-04:00 INFO 15712 --- [           main] o.apache.catalina.core.StandardService   : Starting service [Tomcat]  
2023-10-21T12:52:29.602-04:00 INFO 15712 --- [           main] o.apache.catalina.core.StandardEngine    : Starting Servlet engine: [Apache Tomcat/10.1.19]  
2023-10-21T12:52:29.608-04:00 INFO 15712 --- [           main] o.a.c.c.C.[Tomcat].[localhost].[/]       : Initializing Spring embedded WebApplicationContext  
2023-10-21T12:52:29.649-04:00 INFO 15712 --- [           main] w.s.c.ServletWebServerApplicationContext  : Root WebApplicationContext: initialization completed in 807 ms  
2023-10-21T12:52:30.015-04:00 INFO 15712 --- [           main] o.s.b.a.W.S.WebpageHandlerMapping        : Adding welcome page template: index  
2023-10-21T12:52:30.022-04:00 INFO 15712 --- [           main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 8080 (http) with context path ''  
2023-10-21T12:52:30.022-04:00 INFO 15712 --- [           main] com.example.demo.Books1Application      : Started Books1Application in 1.782 seconds (process running for 2.52)
```