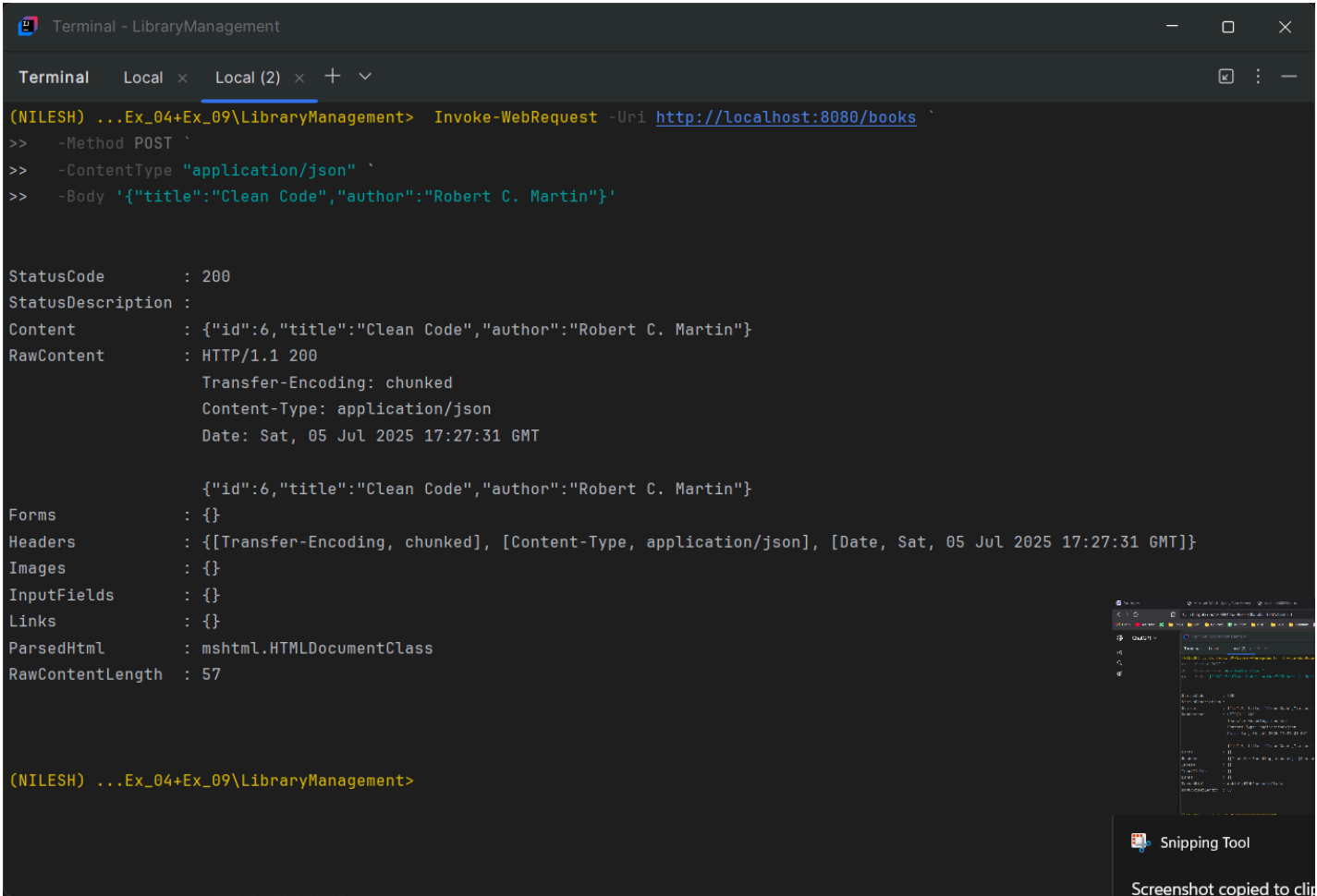
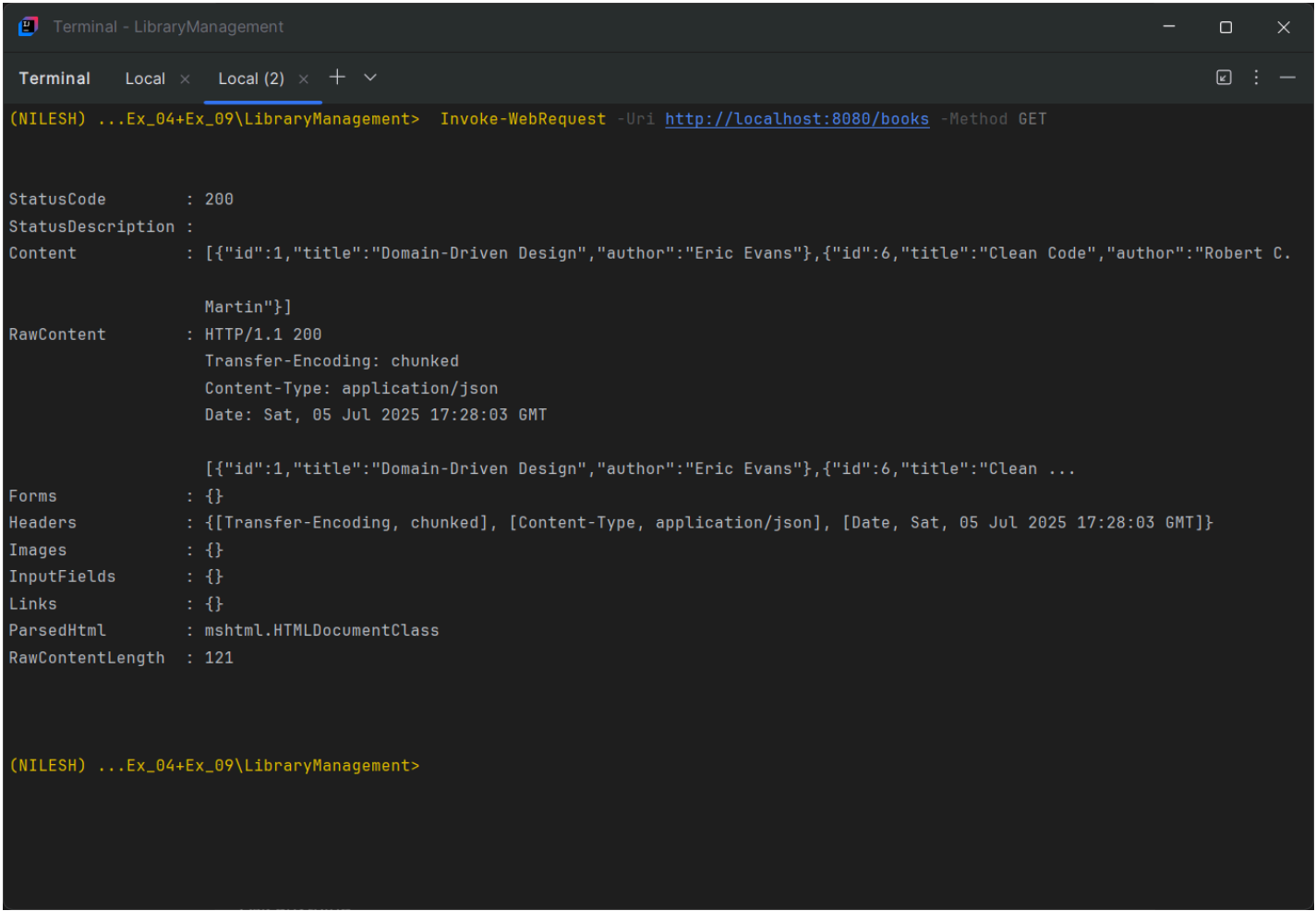


EX09 : Creating a Spring Boot Application (CRUD operations)

1. Create a Book (POST)



2. Get All Books (GET)



3. Get Book by ID (GET)

```
Terminal - LibraryManagement

Terminal Local x Local (2) x + v

(NILESH) ...Ex_04+Ex_09\LibraryManagement> Invoke-WebRequest -Uri http://localhost:8080/books/6 -Method GET

StatusCode      : 200
StatusDescription :
Content         : {"id":6,"title":"Clean Code","author":"Robert C. Martin"}
RawContent      : HTTP/1.1 200
                  Transfer-Encoding: chunked
                  Content-Type: application/json
                  Date: Sat, 05 Jul 2025 17:28:59 GMT

                  {"id":6,"title":"Clean Code","author":"Robert C. Martin"}
Forms           : {}
Headers         : {[Transfer-Encoding, chunked], [Content-Type, application/json], [Date, Sat, 05 Jul 2025 17:28:59 GMT]}
Images          : {}
InputFields     : {}
Links           : {}
ParsedHtml      : mshtml.HTMLDocumentClass
RawContentLength : 57

(NILESH) ...Ex_04+Ex_09\LibraryManagement>
```

4. Update a Book (PUT)

```
Terminal - LibraryManagement

Terminal Local x Local (2) x + v

(NILESH) ...Ex_04+Ex_09\LibraryManagement> Invoke-WebRequest -Uri http://localhost:8080/books/6 `
>> -Method PUT `
>> -ContentType "application/json" `
>> -Body '{"title":"Clean Coder","author":"Robert Martin"}'

StatusCode      : 200
StatusDescription :
Content         : {"id":6,"title":"Clean Coder","author":"Robert Martin"}
RawContent      : HTTP/1.1 200
                  Transfer-Encoding: chunked
                  Content-Type: application/json
                  Date: Sat, 05 Jul 2025 17:30:15 GMT

                  {"id":6,"title":"Clean Coder","author":"Robert Martin"}
Forms           : {}
Headers         : {[Transfer-Encoding, chunked], [Content-Type, application/json], [Date, Sat, 05 Jul 2025 17:30:15 GMT]}
Images          : {}
InputFields     : {}
Links           : {}
ParsedHtml      : mshtml.HTMLDocumentClass
RawContentLength : 55

(NILESH) ...Ex_04+Ex_09\LibraryManagement>
```

5. Delete a Book (DELETE)

```
Terminal - LibraryManagement

Terminal Local x Local (2) x + v
(NILESH) ...Ex_04+Ex_09\LibraryManagement> Invoke-WebRequest -Uri http://localhost:8080/books/6 -Method DELETE

StatusCode      : 200
StatusDescription : 
Content         : {}
RawContent      : HTTP/1.1 200
                  Content-Length: 0
                  Date: Sat, 05 Jul 2025 17:31:37 GMT

Headers         : {[Content-Length, 0], [Date, Sat, 05 Jul 2025 17:31:37 GMT]}
RawContentLength : 0

(NILESH) ...Ex_04+Ex_09\LibraryManagement> 
```