Spring 25

CSE434 (UG2018) - Aspect- and Service-Oriented Software Systems (37100)

Lab assignment 2

Name: Salma Nasreldin Aboelela Ahmed
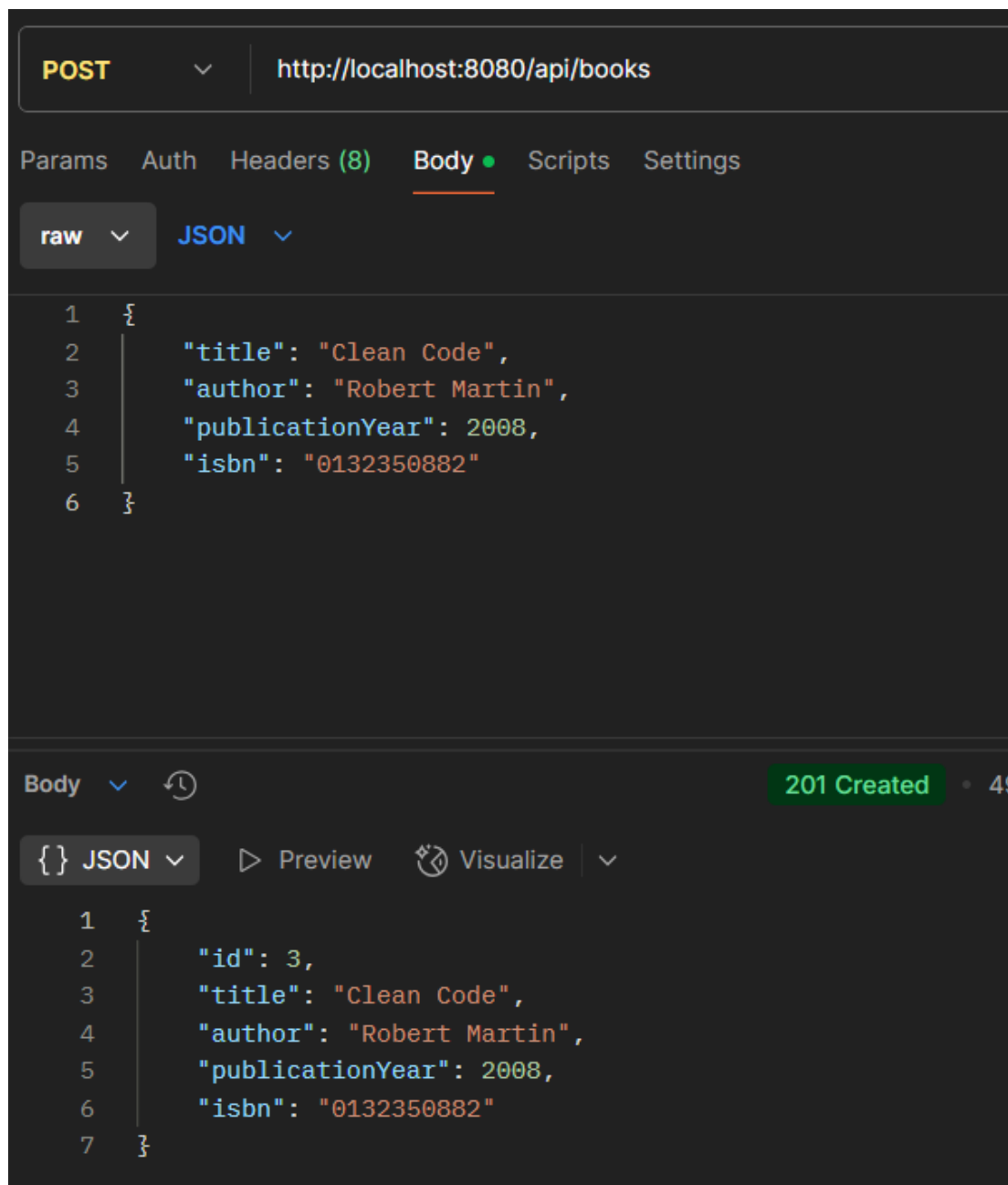
ID: 20p7105

POST Request

Terminal:

```
Hibernate: insert into books (author,isbn,publication_year,status,title) values (?,?,?,?,?)
```

Postman Response:

POST ∨ http://localhost:8080/api/books

Params Auth Headers (8) Body ● Scripts Settings

raw ∨ JSON ∨

```
1  {
2      "title": "Clean Code",
3      "author": "Robert Martin",
4      "publicationYear": 2008,
5      "isbn": "0132350882"
6  }
```

Body ∨ 🕘   201 Created • 4

{} JSON ∨   ▷ Preview   ⚛ Visualize ∨

```
1  {
2      "id": 3,
3      "title": "Clean Code",
4      "author": "Robert Martin",
5      "publicationYear": 2008,
6      "isbn": "0132350882"
7  }
```
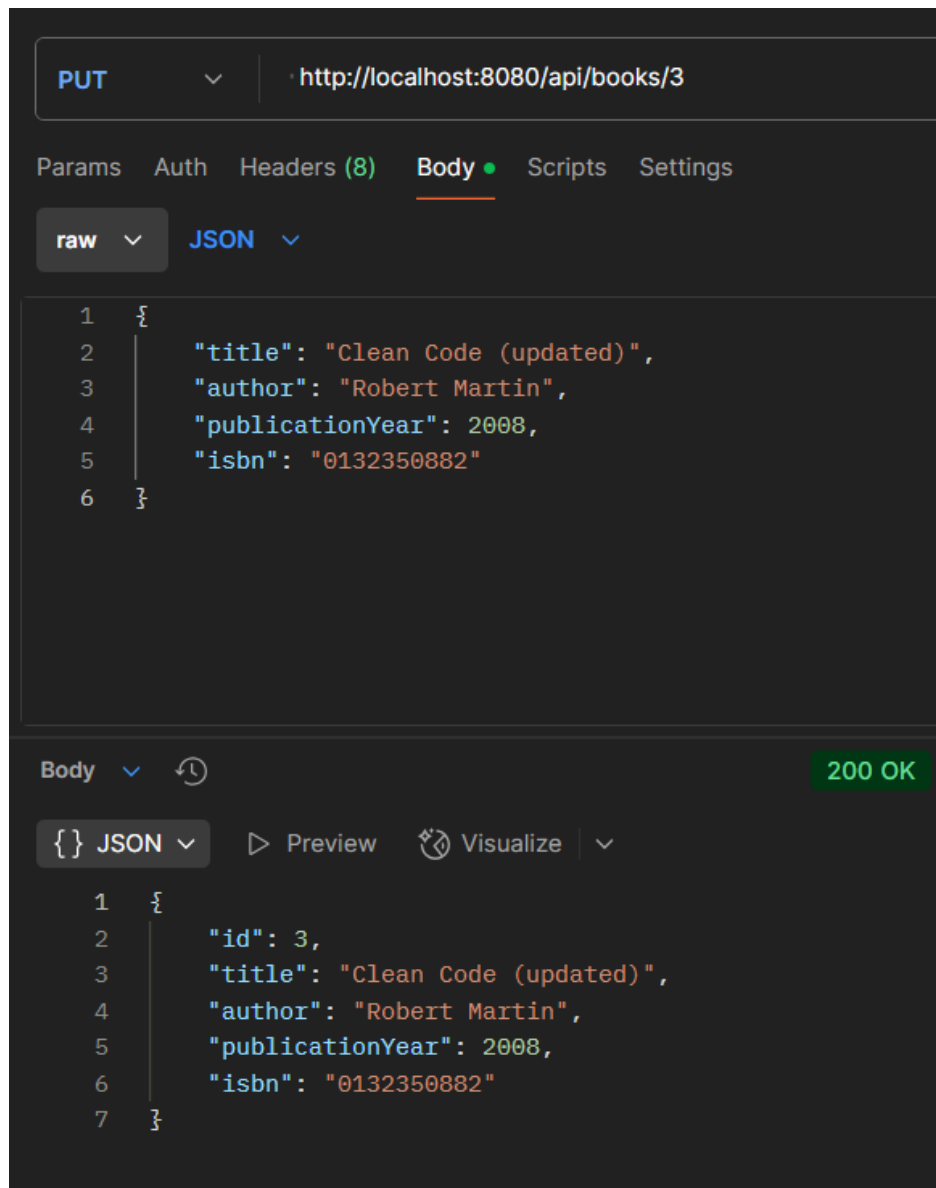
PUT Request

Terminal:

```
us,b1_0.title from books b1_0 where b1_0.id=?
8080-exec-6] org.hibernate.SQL          : update books set author=?,isbn=?,publication_year=?,status=?,title=? where id=?
 where id=?
```
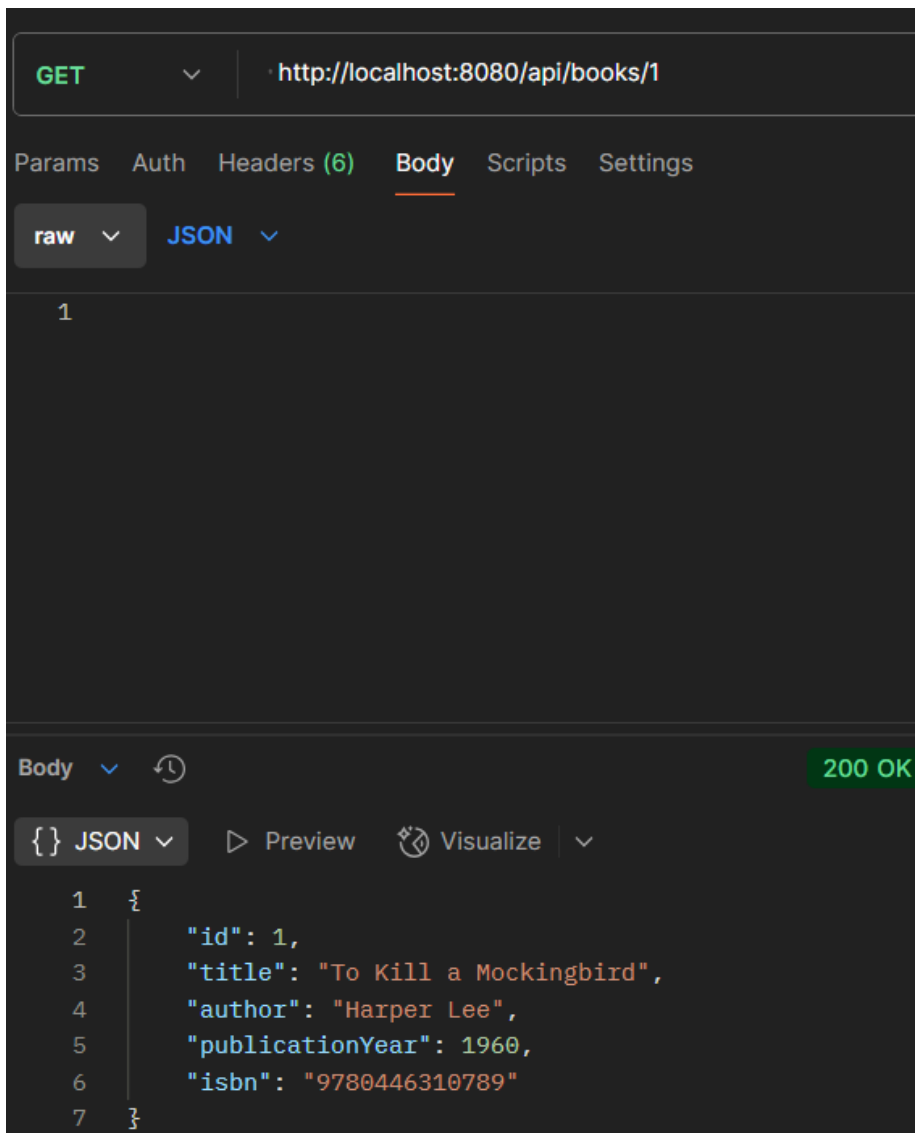
Postman Response:

GET Request

Terminal:

```
2025-03-13T03:55:21.489+02:00 DEBUG 29488 --- [Library-Management-System] [io-8080-exec-10] org.hibernate.SQL
Hibernate: select b1_0.id,b1_0.author,b1_0.isbn,b1_0.publication_year,b1_0.status,b1_0.title from books b1_0 where b1_0.id=?
```
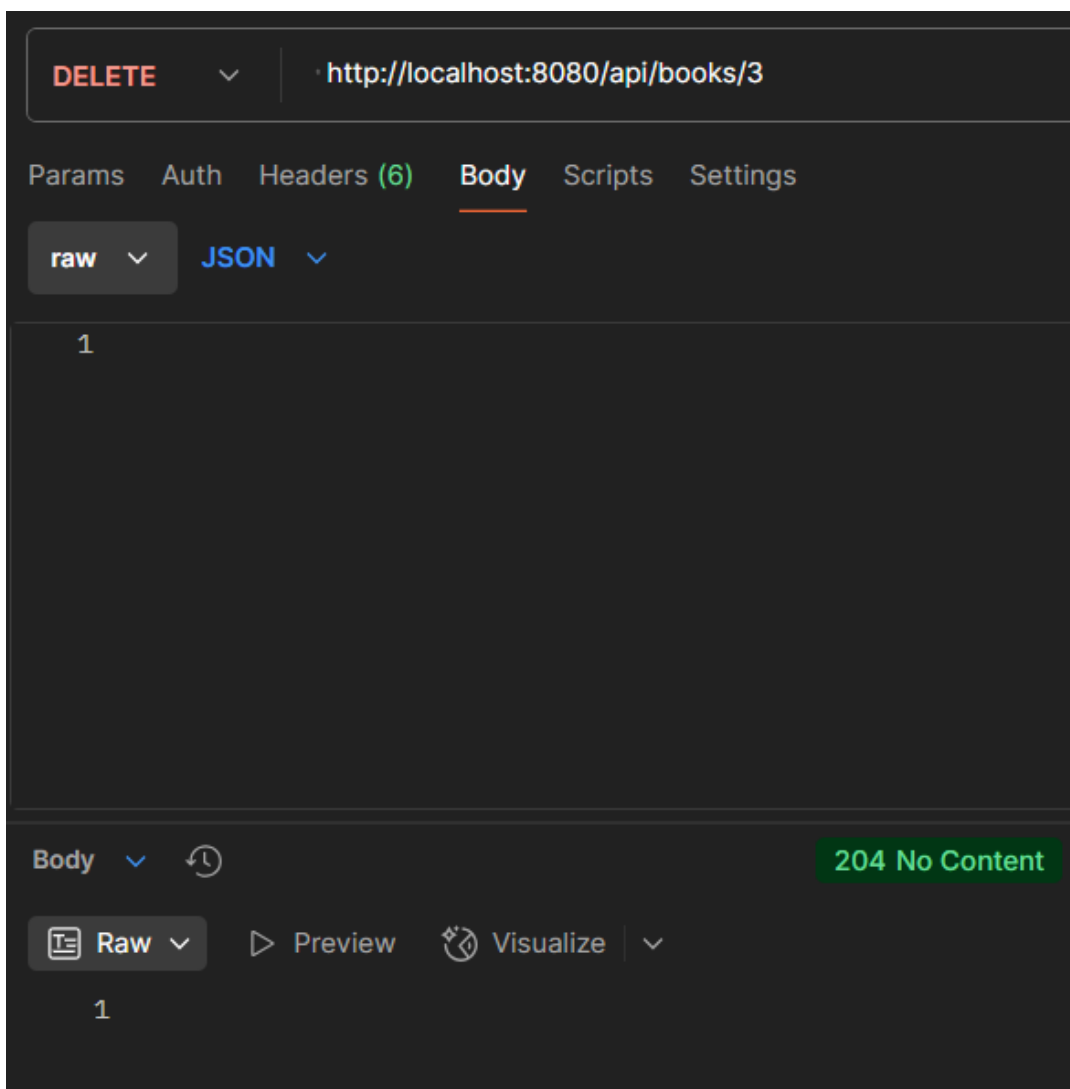
Postman Response:

GET   http://localhost:8080/api/books/1

Params   Auth   Headers (6)   **Body**   Scripts   Settings

raw   JSON

1

Body   200 OK

{} JSON   ▷ Preview   Visualize

```json
1  {
2      "id": 1,
3      "title": "To Kill a Mockingbird",
4      "author": "Harper Lee",
5      "publicationYear": 1960,
6      "isbn": "9780446310789"
7  }
```

DELETE Request

Terminal:

```
2025-03-13T03:59:29.133+02:00 DEBUG 29488 --- [LI
Hibernate: delete from books where id=?
```

Postman Response:

GitHub Link:

https://github.com/SalmaNasreldin1/Aspect-Labs/tree/master