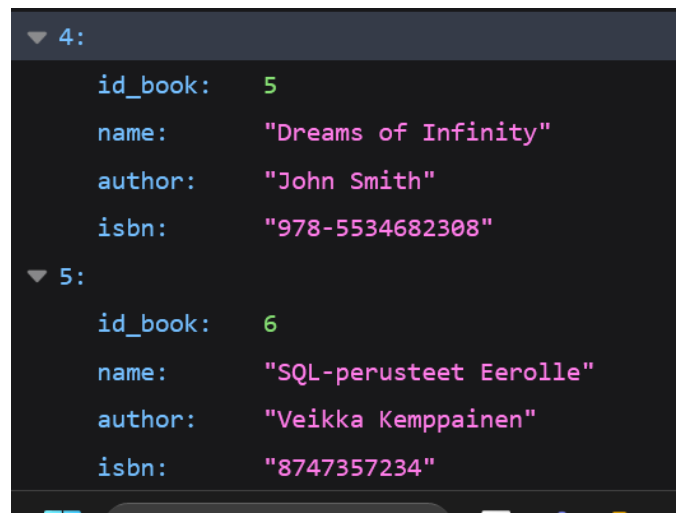
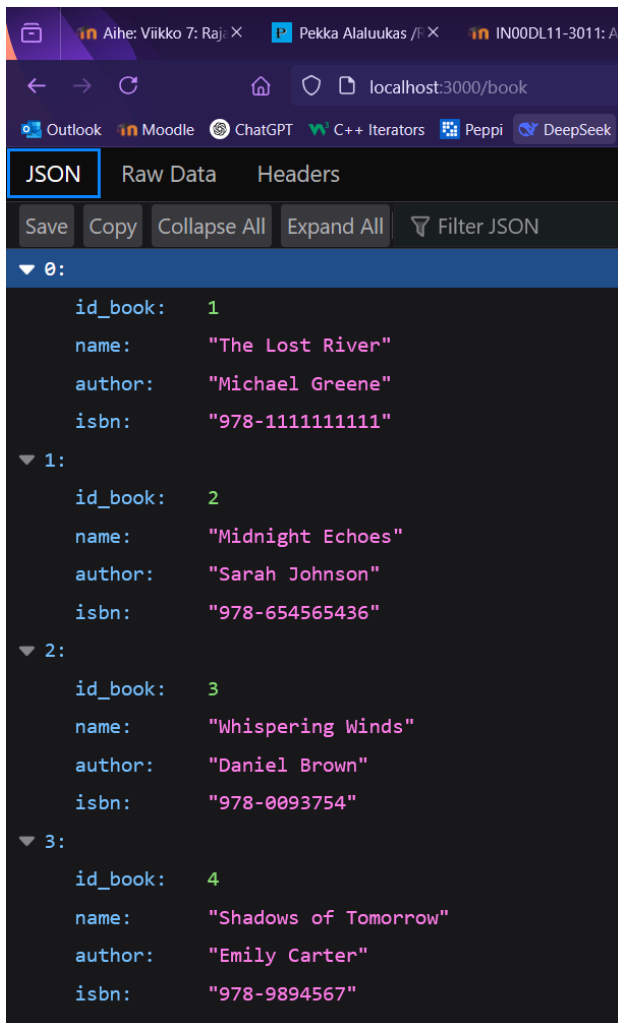


# 17. tehtävä

Alkutilanne:



## CREATE/POST

localhost:3000/book/

POST localhost:3000/book/

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary

	Key	Value
<input checked="" type="checkbox"/>	name	Battery energydrinks
<input checked="" type="checkbox"/>	author	Juha Palo-oja
<input checked="" type="checkbox"/>	isbn	5252588584
	Key	Value

```
mysql> select * from book;
```

id_book	name	author	isbn
1	The Lost River	Michael Greene	978-1111111111
2	Midnight Echoes	Sarah Johnson	978-654565436
3	Whispering Winds	Daniel Brown	978-0093754
4	Shadows of Tomorrow	Emily Carter	978-9894567
5	Dreams of Infinity	John Smith	978-5534682308
6	SQL-perusteet Eerolle	Veikka Kemppainen	8747357234
13	Battery energydrinks	Juha Palo-oja	5252588584

```
7 rows in set (0.00 sec)

mysql> |
```

(sekoilin ton id\_bookin kans huolella, alko lisään automaattisesti vielä id:tä vaikka välistä poisti dataa)

## GET/READ

The screenshot shows a REST client interface with the following components:

- URL Bar:** Displays `localhost:3000/book/` with a `GET` method selected and a dropdown arrow.
- Params Tab:** Labeled "Query Params", it contains a table with two rows, each having a "Key" header and a "Value" field.
- Body Tab:** Labeled "Body", it shows a JSON response in "Pretty" format. The response is a JSON object with four properties: `"id_book": 1`, `"name": "The Lost River"`, `"author": "Michael Greene"`, and `"isbn": "978-1111111111"`.

The JSON response is displayed as follows:

```
1 {  
2     
3   "id_book": 1,  
4   "name": "The Lost River",  
5   "author": "Michael Greene",  
6   "isbn": "978-1111111111"  
7 }  
8
```

## UPDATE/PUT

Päivitetään 13. kirjan kirjoittaja, ja lisätään kirjan otsikkoon välilyönti

PUT

localhost:3000/book/13

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

none

form-data

x-www-form-urlencoded

raw

binary

	Key	Value
<input checked="" type="checkbox"/>	name	Battery energy drinks
<input checked="" type="checkbox"/>	author	Matti Meikäläinen
<input checked="" type="checkbox"/>	isbn	5252588584
	Key	Value

```
mysql> select * from book;
```

id_book	name	author	isbn
1	The Lost River	Michael Greene	978-1111111111
2	Midnight Echoes	Sarah Johnson	978-654565436
3	Whispering Winds	Daniel Brown	978-0093754
4	Shadows of Tomorrow	Emily Carter	978-9894567
5	Dreams of Infinity	John Smith	978-5534682308
6	SQL-perusteet Eerolle	Veikka Kemppainen	8747357234
13	Battery energy drinks	Matti Meikäläinen	5252588584

```
7 rows in set (0.00 sec)
```

```
mysql> |
```

## DELETE

Poistetaan 13. kirja kokonaan

DELETE localhost:3000/book/13

Params Authorization Headers (8) **Body**

none form-data x-www-form-urlencoded

Key
<input checked="" type="checkbox"/> name
<input checked="" type="checkbox"/> author
<input checked="" type="checkbox"/> isbn
Key

Body Cookies Headers (7) Test Results

Pretty Raw Preview Visualize

```
1 {
2   "fieldCount": 0,
3   "affectedRows": 1,
4   "insertId": 0,
5   "info": "",
6   "serverStatus": 2,
7   "warningStatus": 0,
8   "changedRows": 0
9 }
```

```
mysql> select * from book;
+-----+-----+-----+-----+
| id_book | name                | author                | isbn                |
+-----+-----+-----+-----+
| 1       | The Lost River      | Michael Greene       | 978-1111111111     |
| 2       | Midnight Echoes     | Sarah Johnson        | 978-654565436      |
| 3       | Whispering Winds    | Daniel Brown         | 978-0093754        |
| 4       | Shadows of Tomorrow | Emily Carter          | 978-9894567        |
| 5       | Dreams of Infinity  | John Smith           | 978-5534682308     |
| 6       | SQL-perusteet Eerolle | Veikka Kempainen    | 8747357234         |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> |
```