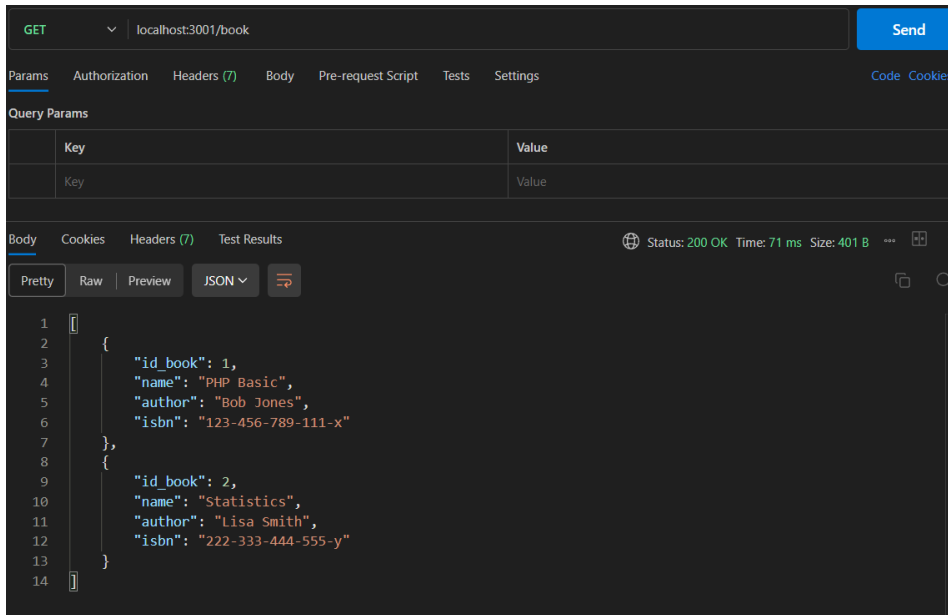


Tehtävä 20. Lea Alioravainen

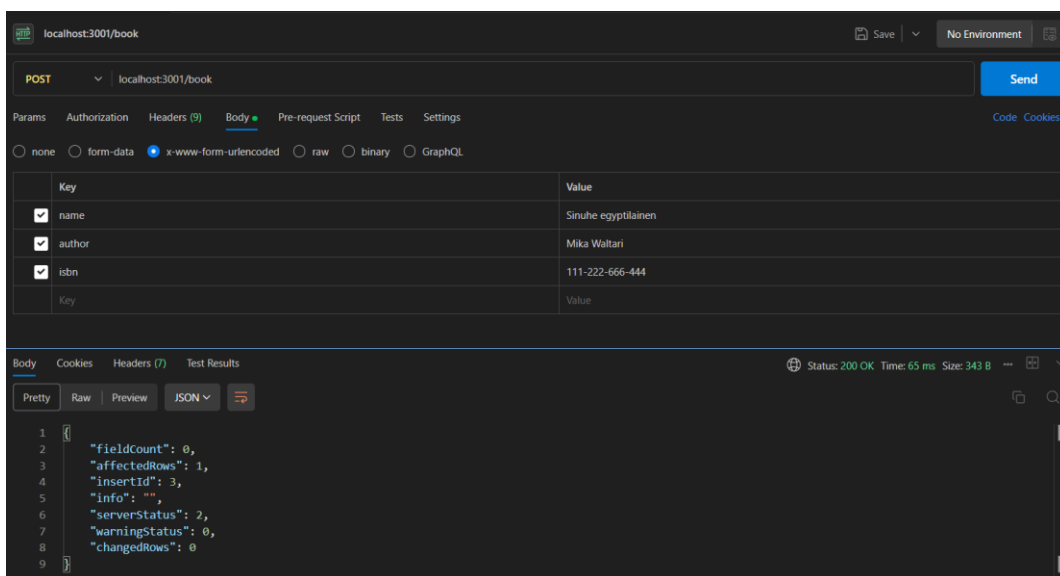
Book Get = näyttää kaikki kirjat tietokannasta.



Tietokannassa näyttää tältä:

```
mysql> select * from book;
+-----+-----+-----+-----+
| id_book | name       | author  | isbn          |
+-----+-----+-----+-----+
| 1       | PHP Basic  | Bob Jones | 123-456-789-111-x |
| 2       | Statistics | Lisa Smith | 222-333-444-555-y |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

Book Post: lisää tietokantaan uuden kirjan



Tietokanta:

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

id_book	name	author	isbn
1	PHP Basic	Bob Jones	123-456-789-111-x
2	Statistics	Lisa Smith	222-333-444-555-y
3	Sinuhe egyptiläinen	Mika Waltari	111-222-666-444

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

Book Put: muokkaa tietokannan kirjan isbn numeroa

localhost:3001/book/3

PUT localhost:3001/book/3

Params Authorization Headers (9) Body Pre-request Script Tests Settings

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value
name	Sinuhe egyptiläinen
author	Mika Waltari
isbn	111-222-666-777

Body Cookies Headers (7) Test Results Status: 200 OK

Pretty Raw Preview JSON

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

Tietokanta:

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

id_book	name	author	isbn
1	PHP Basic	Bob Jones	123-456-789-111-x
2	Statistics	Lisa Smith	222-333-444-555-y
3	Sinuhe egyptiläinen	Mika Waltari	111-222-666-777

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

Book Delete: poistaa tietokannasta kirjan jonka id_book on 3

DELETE localhost:3001/book/3

Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Code Cookies

Query Params

Key	Value
Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 42 ms Size: 343 B

Pretty Raw Preview JSON

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

Tietokanta:

```
mysql> select * from book;
+-----+-----+-----+-----+
| id_book | name       | author | isbn       |
+-----+-----+-----+-----+
| 1       | PHP Basic  | Bob Jones | 123-456-789-111-x |
| 2       | Statistics | Lisa Smith | 222-333-444-555-y |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

Borrower Get: Näytetään id 1 omaava borrower

GET localhost:3001/borrower/1

Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Code Cookies

Query Params

Key	Value
Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 29 ms Size: 318 B

Pretty Raw Preview JSON

```
1 {
2   "id_borrower": 1,
3   "fname": "Aku",
4   "lname": "Ankka",
5   "streetaddress": "paratiisitie 13"
6 }
```

tietokanta:

```
mysql> select * from borrower;
+-----+-----+-----+-----+
| id_borrower | fname | lname | streetaddress |
+-----+-----+-----+-----+
| 1           | Aku   | Ankka | paratiisitie 13 |
| 2           | Hannu | Hanhi | Onnentie 7      |
| 3           | Mikki | Hiiri | Hiiritie 10     |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

Borrower Post: Lisätään Roope Ankka

POST localhost:3001/borrower/ Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Code Cookies

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value
fname	Roope
lname	Ankka
streetaddress	Rahatie 1
Key	Value

Body Cookies Headers (7) Test Results Status: 200 OK Time: 41 ms Size: 343 B

Pretty Raw Preview JSON

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

tietokanta:

```
mysql> select * from borrower;
```

id_borrower	fname	lname	streetaddress
1	Aku	Ankka	paratiisitie 13
2	Hannu	Hanhi	Onnentie 7
3	Mikki	Hiiri	Hiiritie 10
4	Roope	Ankka	Rahatie 1

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

Borrower Put: Muutetaan Akun osoitetieto

PUT localhost:3001/borrower/1 Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Code Cookies

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value
fname	Aku
lname	Ankka
streetaddress	Pekankuja 5
Key	Value

Body Cookies Headers (7) Test Results Status: 200 OK Time: 39 ms Size: 383 B

Pretty Raw Preview JSON

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

tietokanta:

```
mysql> select * from borrower;
```

id_borrower	fname	lname	streetaddress
1	Aku	Ankka	Pekankuja 5
2	Hannu	Hanhi	Onnentie 7
3	Mikki	Hiiri	Hiiritie 10
4	Roope	Ankka	Rahatie 1

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

Borrower Delete: Poistetaan Hannu Hanhi

DELETE localhost:3001/borrower/2 Send

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings Code Cookies

☐ none ☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

Key	Value
<input checked="" type="checkbox"/> fname	Aku
<input checked="" type="checkbox"/> lname	Ankka
<input checked="" type="checkbox"/> streetaddress	Pekankuja 5
Key	Value

Body Cookies Headers (7) Test Results Status: 200 OK Time: 49 ms Size: 343 B

Pretty Raw Preview JSON

```

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

tietokanta:

```
mysql> select * from borrower;
```

id_borrower	fname	lname	streetaddress
1	Aku	Ankka	Pekankuja 5
3	Mikki	Hiiri	Hiiritie 10
4	Roope	Ankka	Rahatie 1

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