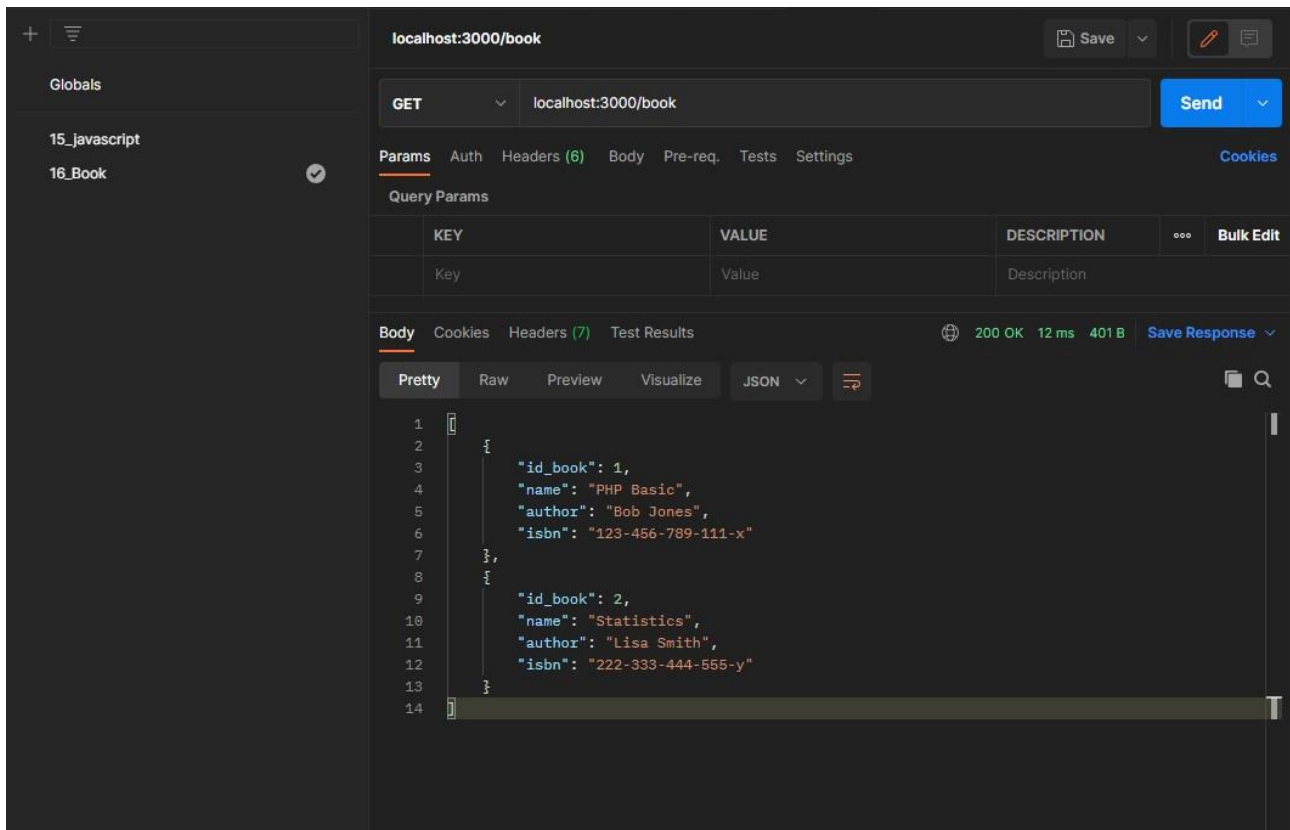


Haetaan GET opretaatiolla



The screenshot shows a REST client interface with a GET request to `localhost:3000/book`. The response is a JSON array of two book objects. The status is 200 OK, and the response size is 401 B.

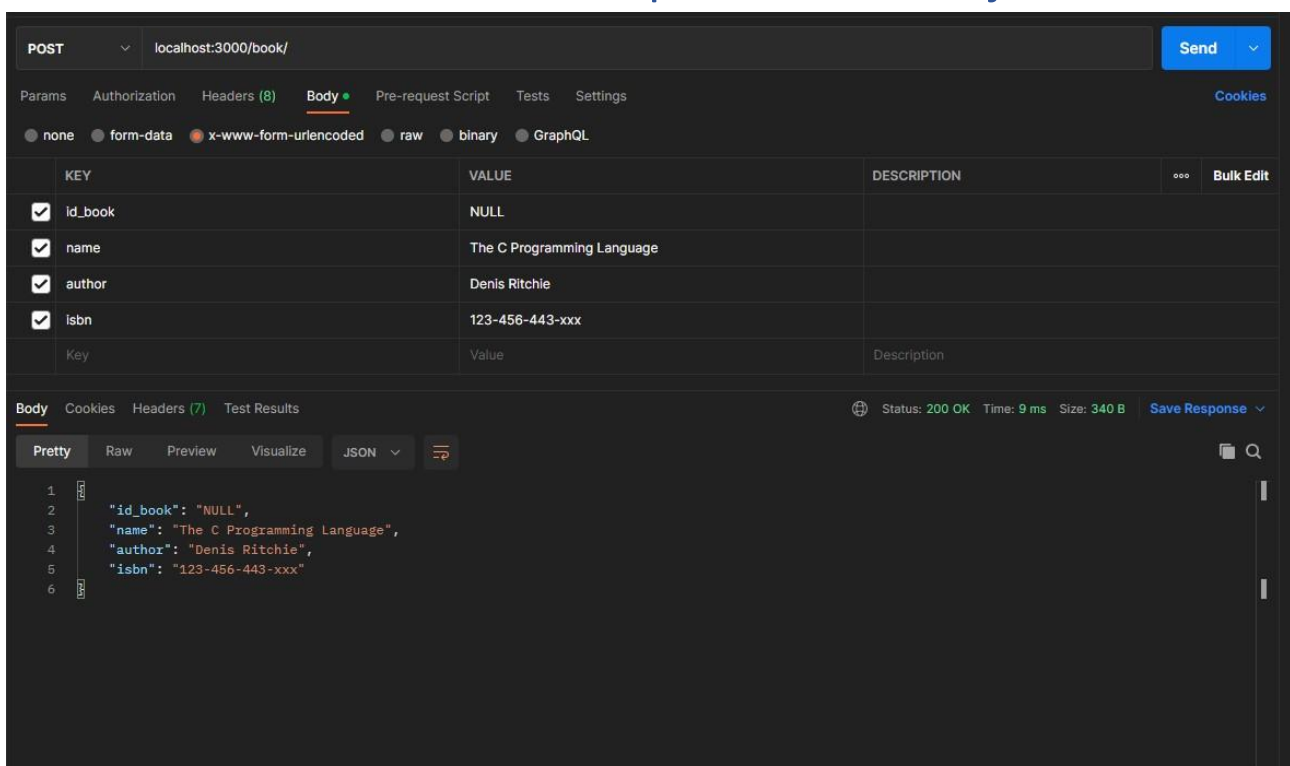
Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body

```
1 {
2   {
3     "id_book": 1,
4     "name": "PHP Basic",
5     "author": "Bob Jones",
6     "isbn": "123-456-789-111-x"
7   },
8   {
9     "id_book": 2,
10    "name": "Statistics",
11    "author": "Lisa Smith",
12    "isbn": "222-333-444-555-y"
13  }
14 }
```

Laitetaan POST operaatiolla arvoja



The screenshot shows a REST client interface with a POST request to `localhost:3000/book/`. The request body is a JSON object. The status is 200 OK, and the response size is 340 B.

Body

```
1 {
2   "id_book": "NULL",
3   "name": "The C Programming Language",
4   "author": "Denis Ritchie",
5   "isbn": "123-456-443-xxx"
6 }
```

Käytetään PUT komentoa book/4

PUT localhost:3000/book/4

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

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

KEY	VALUE	DESCRIPTION
id_book	NULL	
name	The C Programming Language	
author	Denis Ritchie	
isbn	123-456-443-xxx	
Key	Value	Description

Body Cookies Headers (7) Test Results Status: 200 OK Time: 5 ms Size: 404 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "fieldCount": 0,
3   "affectedRows": 1,
4   "insertId": 0,
5   "serverStatus": 2,
6   "warningCount": 0,
7   "message": "(Rows matched: 1 Changed: 0 Warnings: 0",
8   "protocol41": true,
9   "changedRows": 0
10 }
```

Katsotaan GET komennolla antamat arvot

GET localhost:3000/book/4

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

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

KEY	VALUE	DESCRIPTION
id_book	NULL	
name	The C Programming Language	
author	Denis Ritchie	
isbn	123-456-443-xxx	
Key	Value	Description

Body Cookies Headers (7) Test Results Status: 200 OK Time: 8 ms Size: 337 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_book": 4,
3   "name": "The C Programming Language",
4   "author": "Denis Ritchie",
5   "isbn": "123-456-443-xxx"
6 }
```

Poistetaan tehty kirja DELETE komennolla

localhost:3000/book/3

DELETE localhost:3000/book/3

Send

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

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

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> id_book	NULL	
<input checked="" type="checkbox"/> name	The C Programming Language	
<input checked="" type="checkbox"/> author	Denis Ritchie	
<input checked="" type="checkbox"/> isbn	123-456-443-xxx	
Key	Value	Description

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 7 ms Size: 363 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "fieldCount": 0,
3   "affectedRows": 1,
4   "insertId": 0,
5   "serverStatus": 2,
6   "warningCount": 0,
7   "message": "",
8   "protocol41": true,
9   "changedRows": 0
10 }
```

DELETE:n jälkeen tarkistetaan GET komennolla

localhost:3000/book/

GET localhost:3000/book/

Send

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

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

KEY	VALUE	DESCRIPTION

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 6 ms Size: 401 B Save Response

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "id_book": 1,
4     "name": "PHP Basic",
5     "author": "Bob Jones",
6     "isbn": "123-456-789-111-x"
7   },
8   {
9     "id_book": 2,
10    "name": "Statistics",
11    "author": "Lisa Smith",
12    "isbn": "222-333-444-555-y"
13  }
14 ]
```

POST Komennon käyttö

localhost:3000/borrower/ Save Send

POST localhost:3000/borrower/ Send

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

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

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	id_borrower	NULL			
<input checked="" type="checkbox"/>	fname	Hessu			
<input checked="" type="checkbox"/>	lname	Hopo			
<input checked="" type="checkbox"/>	address	Koirankoppi			
	Key	Value	Description		

Body Cookies Headers (7) Test Results Status: 200 OK Time: 11 ms Size: 312 B Save Response

Pretty Raw Preview Visualize JSON ...

```
1  {
2    "id_borrower": "NULL",
3    "fname": "Hessu",
4    "lname": "Hopo",
5    "address": "Koirankoppi"
6  }
```

PUT komennon käyttö

PUT localhost:3000/borrower/3 Send

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

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

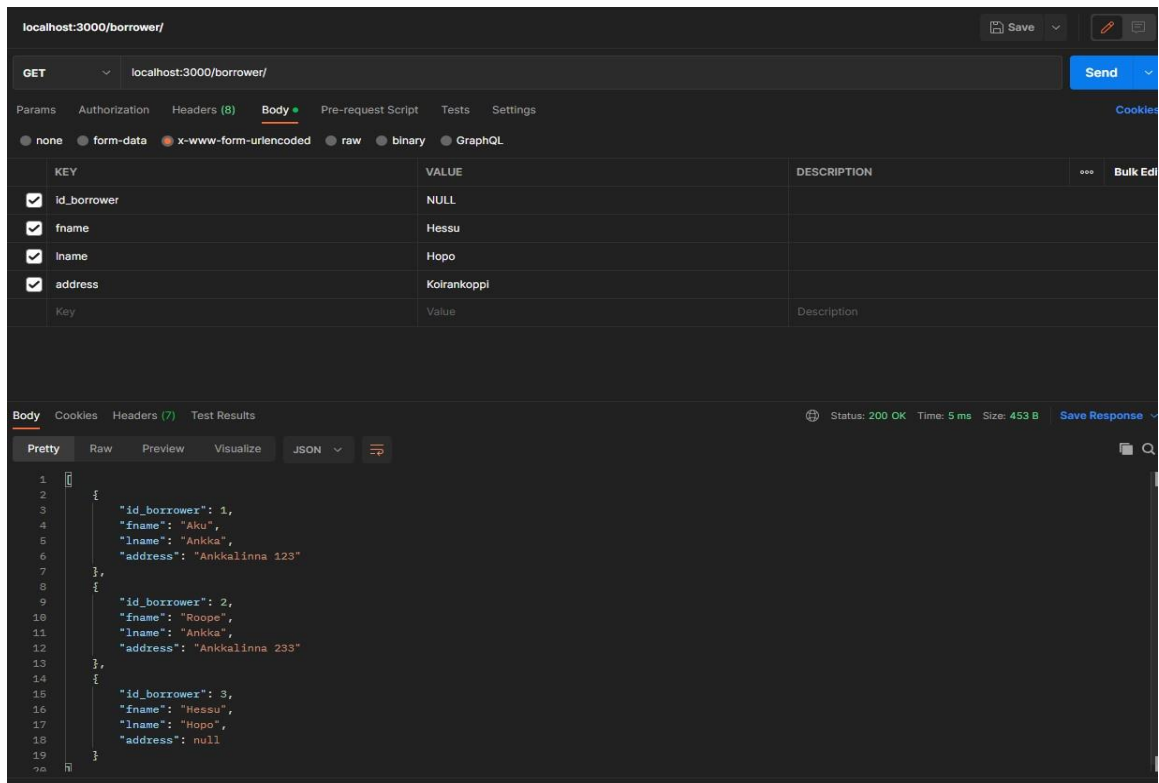
	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	id_borrower	NULL			
<input checked="" type="checkbox"/>	fname	Hessu			
<input checked="" type="checkbox"/>	lname	Hopo			
<input checked="" type="checkbox"/>	address	Koirankoppi			
	Key	Value	Description		

Body Cookies Headers (7) Test Results Status: 200 OK Time: 5 ms Size: 404 B Save Response

Pretty Raw Preview Visualize JSON ...

```
1  {
2    "fieldCount": 0,
3    "affectedRows": 1,
4    "insertId": 0,
5    "serverStatus": 2,
6    "warningCount": 0,
7    "message": "(Rows matched: 1 Changed: 0 Warnings: 0)",
8    "protocol41": true,
9    "changedRows": 0
10 }
```

GET:lla haettu borrower taulu johon lisätty hessu



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

- URL:** localhost:3000/borrower/
- Method:** GET
- Body:** A table with 4 rows and 3 columns (KEY, VALUE, DESCRIPTION).

KEY	VALUE	DESCRIPTION
id_borrower	NULL	
fname	Hessu	
lname	Hopo	
address	Koirankoppi	
- Status:** 200 OK, Time: 5 ms, Size: 453 B
- Response Body (JSON):**

```
[{"id_borrower": 1, "fname": "Aku", "lname": "Ankka", "address": "Ankkalinnä 123"}, {"id_borrower": 2, "fname": "Roope", "lname": "Ankka", "address": "Ankkalinnä 233"}, {"id_borrower": 3, "fname": "Hessu", "lname": "Hopo", "address": null}]
```

DELETE komennolla poistettu hessu.

DELETE

localhost:3000/borrower/3

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookies

noneform-datax-www-form-urlencodedrawbinaryGraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	id_borrower	NULL			
<input checked="" type="checkbox"/>	fname	Hessu			
<input checked="" type="checkbox"/>	lname	Hopo			
<input checked="" type="checkbox"/>	address	Koirankoppi			
	Key	Value	Description		

BodyCookiesHeaders (7)Test Results

Status: 200 OKTime: 15 msSize: 363 BSave Response

PrettyRawPreviewVisualizeJSON

```
1  {
2    "fieldCount": 0,
3    "affectedRows": 1,
4    "insertId": 0,
5    "serverStatus": 2,
6    "warningCount": 0,
7    "message": "",
8    "protocol41": true,
9    "changedRows": 0
10 }
```

GET

localhost:3000/borrower/

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookies

noneform-datax-www-form-urlencodedrawbinaryGraphQL

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	id_borrower	NULL			
<input checked="" type="checkbox"/>	fname	Hessu			
<input checked="" type="checkbox"/>	lname	Hopo			
<input checked="" type="checkbox"/>	address	Koirankoppi			
	Key	Value	Description		

BodyCookiesHeaders (7)Test Results

Status: 200 OKTime: 10 msSize: 389 BSave Response

PrettyRawPreviewVisualizeJSON

```
1  [
2    {
3      "id_borrower": 1,
4      "fname": "Aku",
5      "lname": "Ankka",
6      "address": "Ankkallinna 123"
7    },
8    {
9      "id_borrower": 2,
10     "fname": "Roope",
11     "lname": "Ankka",
12     "address": "Ankkallinna 233"
13   }
14 ]
```