

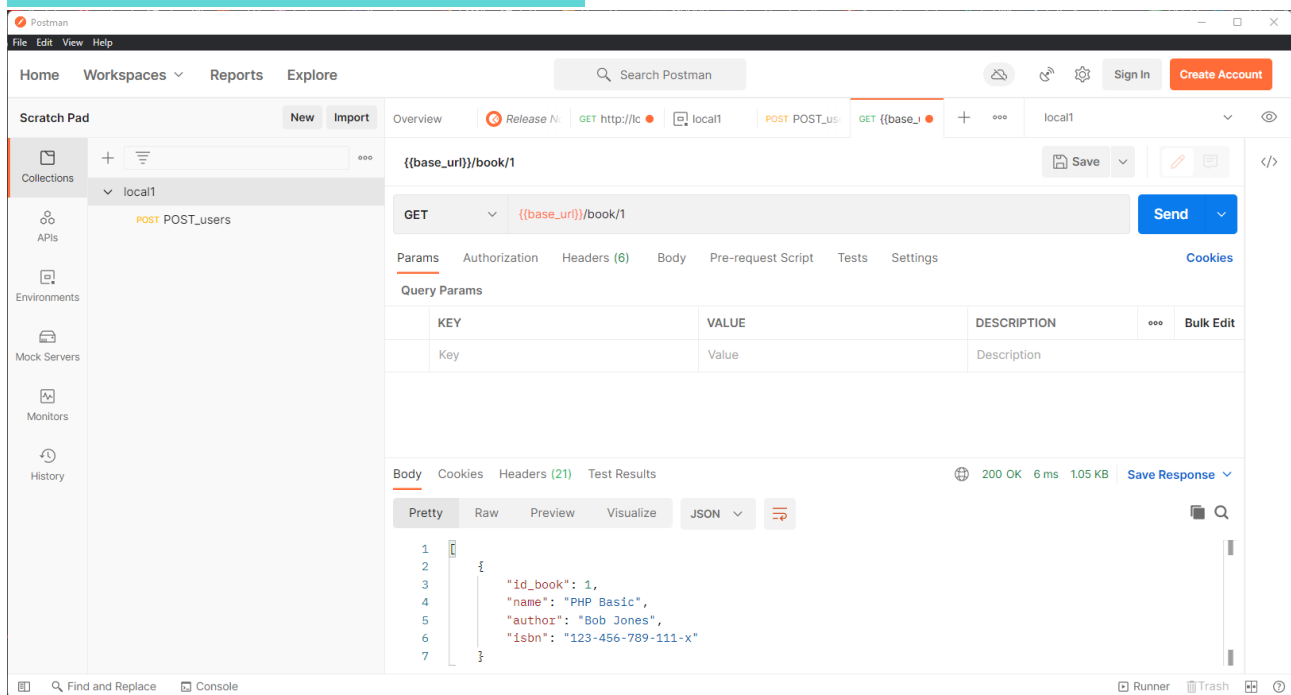
Tehtävä 17: Tietokantayhteys ja CRUD Nodella ja Expressillä

<https://github.com/VeikkaK/into1.git>

Kuvat alhaalla, CRUD-operaatiot, postman sekä autentikointi.

↓...

```
mysql> show tables;
+-----+
| Tables_in_netdb |
+-----+
| book             |
| borrower         |
| user_table       |
+-----+
3 rows in set (0.00 sec)
```



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Scratch Pad New Import Overview Release N GET http://lc local1 POST POST_us GET {{base_}} + ... local1

Collections + ...

local1

POST POST_users

APIs

Environments

Mock Servers

Monitors

History

Overview

Release N GET http://lc local1 POST POST_us GET {{base_}}

local1

Save

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body Cookies Headers (21) Test Results 200 OK 13 ms 1.06 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_book": 2,
3   "name": "Statistics",
4   "author": "Lisa Smith",
5   "isbn": "222-333-444-555-y"
6 }
7
```

Find and Replace Console Runner Trash

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Scratch Pad New Import Overview Release N GET http://lc local1 POST POST_us GET {{base_}} + ... local1

Collections + ...

local1

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Overview

Release N GET http://lc local1 POST POST_us GET {{base_}}

local1

Save

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Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION	...	Bulk Edit
Key	Value	Description		

Body Cookies Headers (21) Test Results 200 OK 14 ms 1.14 KB Save Response

Pretty Raw Preview Visualize JSON

```
5   "author": "Bob Jones",
6   "isbn": "123-456-789-111-x"
7 },
8 {
9   "id_book": 2,
10  "name": "Statistics",
11  "author": "Lisa Smith",

```

Find and Replace Console Runner Trash

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Scratch Pad

New Import

Overview Release Notes GET http://localhost local1 POST POST_users GET ((base_url))/bor local1

collections

local1

POST POST_users

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GET ((base_url))/borrower

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (21) Test Results

Status: 200 OK Time: 10 ms Size: 1.22 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_borrower": 2,
3   "fname": "Aku",
4   "lname": "Ankka",
5   "streetAddress": "Paratilisitie 14"
6 }
7 {
8   "id_borrower": 3,
9   "fname": "Hessu",
10  "lname": "Horo",
11 }
```

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Scratch Pad

New Import

Overview Release Notes GET http://localhost local1 POST POST_users PUT ((base_url))/bor local1

collections

local1

POST POST_users

APIs

Environments

Mock Servers

Monitors

History

PUT ((base_url))/borrower/4

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_borrower	4	
<input checked="" type="checkbox"/> fname	Hessu	
<input checked="" type="checkbox"/> lname	Horo	
<input checked="" type="checkbox"/> streetAddress	Paratilisitie 2	
Key	Value	Description

Body Cookies Headers (21) Test Results

Status: 200 OK Time: 30 ms Size: 1.14 KB 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: 1 Warnings: 0)",
8   "protocol41": true,
9   "changedRows": 1
10 }
```

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Scratch Pad New Import

Overview Release Notes GET http://localhost local1 POST POST_users DEL: ((base_url))/bor + ... local1

collections

local1

POST POST_users

APIs

Environments

Mock Servers

Monitors

History

DELETE ((base_url))/borrower/4

Send

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

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

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> id_borrower	4		
<input checked="" type="checkbox"/> fname	Hessu		
<input checked="" type="checkbox"/> lname	Horo		
<input checked="" type="checkbox"/> streetAddress	Paratitiitie 2		
Key	Value	Description	

Body Cookies Headers (21) Test Results

Status: 200 OK Time: 11 ms Size: 1.1 KB Save Response

Pretty Raw Preview Visualize JSON

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Scratch Pad New Import

Overview Release Notes GET http://localhost local1 POST POST_users POST ((base_url))/bc + ... local1

collections

local1

POST POST_users

APIs

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Mock Servers

Monitors

History

POST ((base_url))/borrower

Send

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

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

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> id_borrower	5		
<input checked="" type="checkbox"/> fname	Iines		
<input checked="" type="checkbox"/> lname	Ankka		
<input checked="" type="checkbox"/> streetAddress	Paratitiitie 20		
Key	Value	Description	

Body Cookies Headers (21) Test Results

Status: 200 OK Time: 11 ms Size: 1.06 KB Save Response

Pretty Raw Preview Visualize JSON

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```

Postman

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Scratch Pad

New Import

Overview Release Notes GET http://localhost local1 POST POST_users GET ((base_url))/bor

local1

Save

Send

GET ((base_url))/borrower/

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

Type Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [Learn more about variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Username admin

Password 1234

Show Password

Body Cookies Headers (21) Test Results

Status: 200 OK Time: 49 ms Size: 1.22 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_borrower": 1,
3   "fname": "Mikkil",
4   "lname": "Miliiri",
5   "streetAddress": "Paratilisitie 12"
6 },
7 {
8   "id_borrower": 2,
9   "fname": "Aku",
10  "lname": "Ankka",
11 }
```

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New Import

Overview Release Notes GET http://localhost local1 POST POST_users GET ((base_url))/use

local1

Save

Send

GET ((base_url))/user

Params Authorization Headers (9) 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_user	NULL	
<input checked="" type="checkbox"/> username	Root	
<input checked="" type="checkbox"/> password	admin	
<input type="checkbox"/> streetAddress	Paratilisitie 20	
Key	Value	Description

Body Cookies Headers (21) Test Results

Status: 200 OK Time: 9 ms Size: 1.08 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id_user": 1,
3   "username": "Root",
4   "password": "$2a$10$VKPtBq1Yx179vLcd1wyQ2u3qGZHYxRMjYN05Rz/FPbe0l0EpeQcIm"
5 }
6
7 }
```