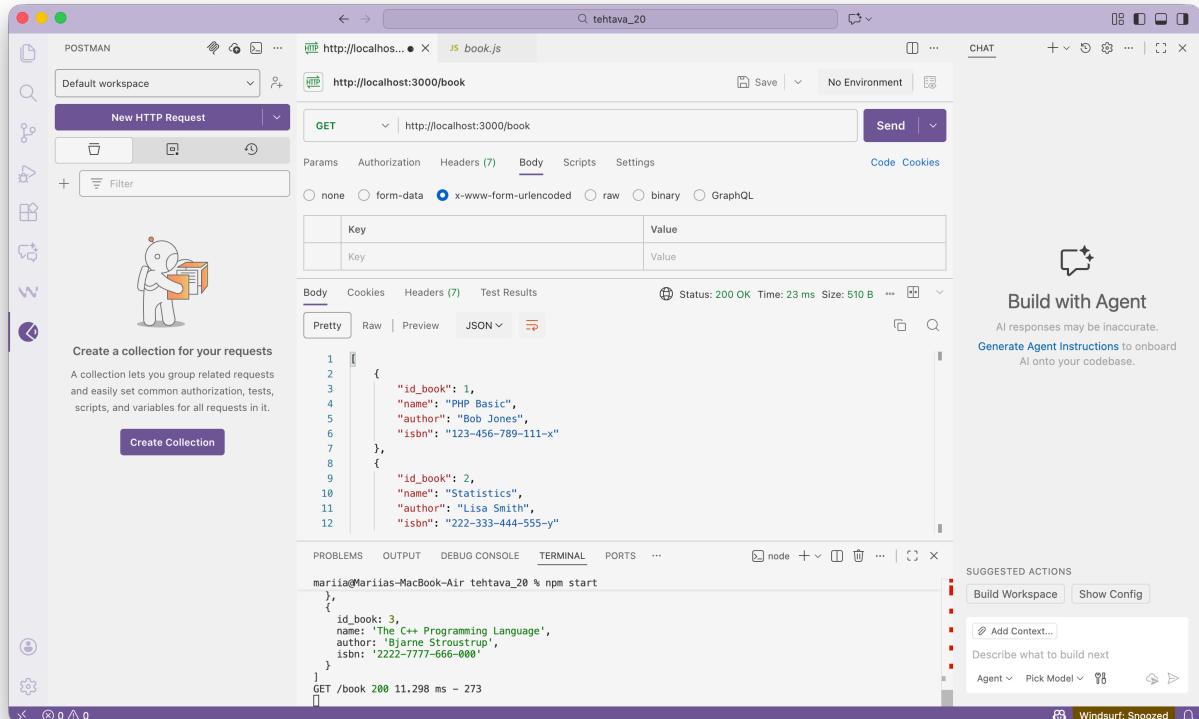


Tehtävä 20

GET - saadaan näkyviin taulun book sisältö.

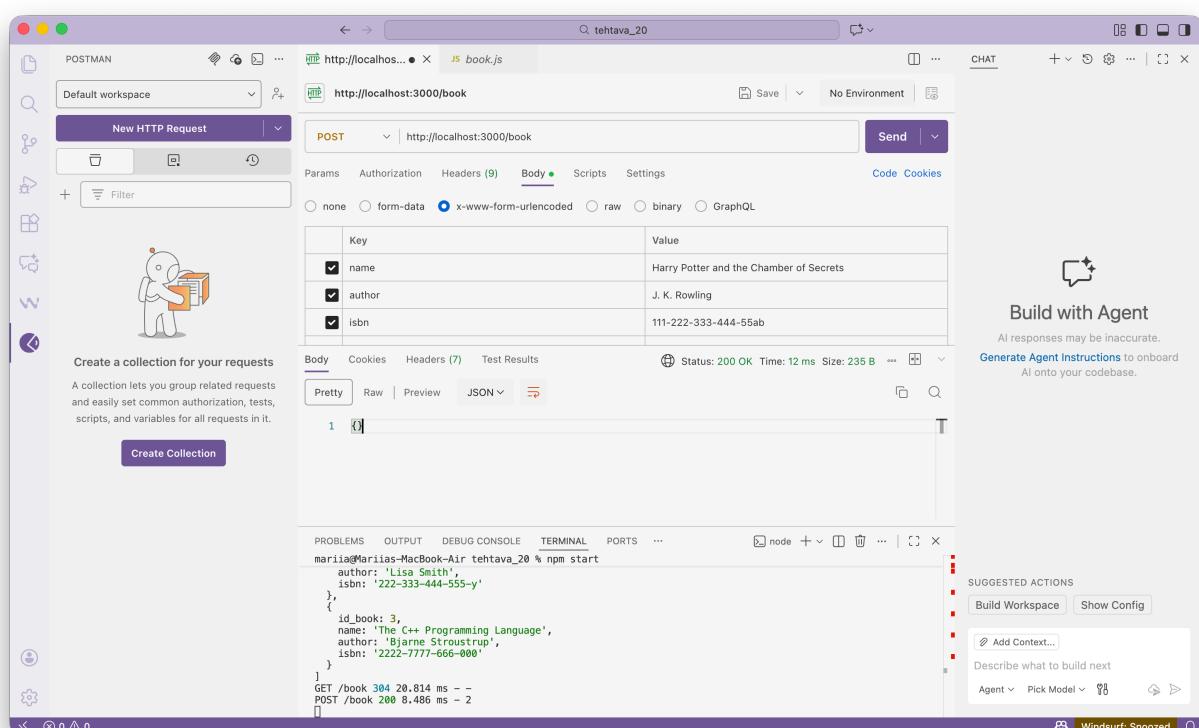


The screenshot shows the Postman application interface. A GET request is made to `http://localhost:3000/book`. The response body is a JSON array containing two book objects:

```
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 }
```

The terminal tab shows the command `npm start` was run in the background.

POST - lisätään uusi kirja tauluun book.

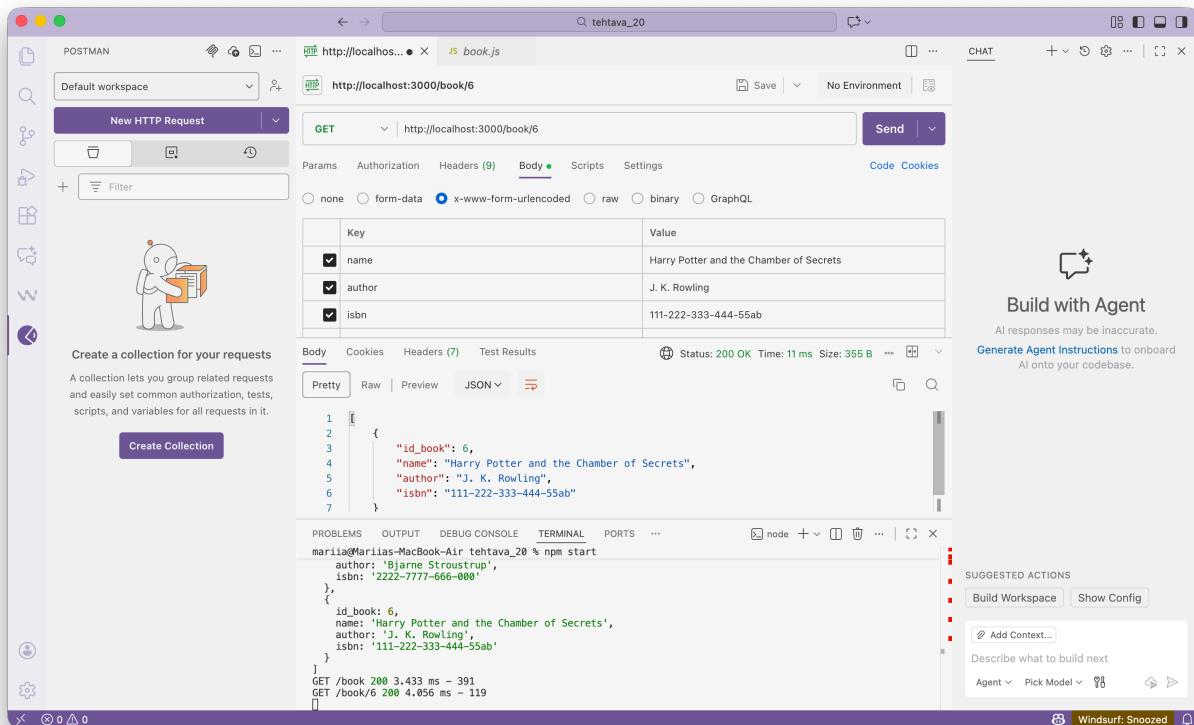


The screenshot shows the Postman application interface. A POST request is made to `http://localhost:3000/book` with the following JSON body:

```
1 [
2   {
3     "name": "Harry Potter and the Chamber of Secrets",
4     "author": "J. K. Rowling",
5     "isbn": "111-222-333-444-55ab"
6   }
7 ]
```

The terminal tab shows the command `npm start` was run in the background.

GET - saadaan näkyviin vain 6 kirjan tiedot taulusta book.



POSTMAN

Default workspace

New HTTP Request

http://localhost:3000/book/6

GET | http://localhost:3000/book/6

Params Authorization Headers (9) Body Scripts Settings

Body

Key	Value
name	Harry Potter and the Chamber of Secrets
author	J. K. Rowling
isbn	111-222-333-444-55ab

Code Cookies

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS ...

```
mariia@Mariias-MacBook-Air:~/tehtava_20 % npm start
  author: 'Bjarne Stroustrup',
  isbn: '222-777-666-000'
  [
    {
      id_book: 6,
      name: 'Harry Potter and the Chamber of Secrets',
      author: 'J. K. Rowling',
      isbn: '111-222-333-444-55ab'
    }
  ]
GET /book 200 3.433 ms - 391
GET /book/6 200 4.056 ms - 119
GET /book/6 200 32.747 ms - 2
```

SUGGESTED ACTIONS

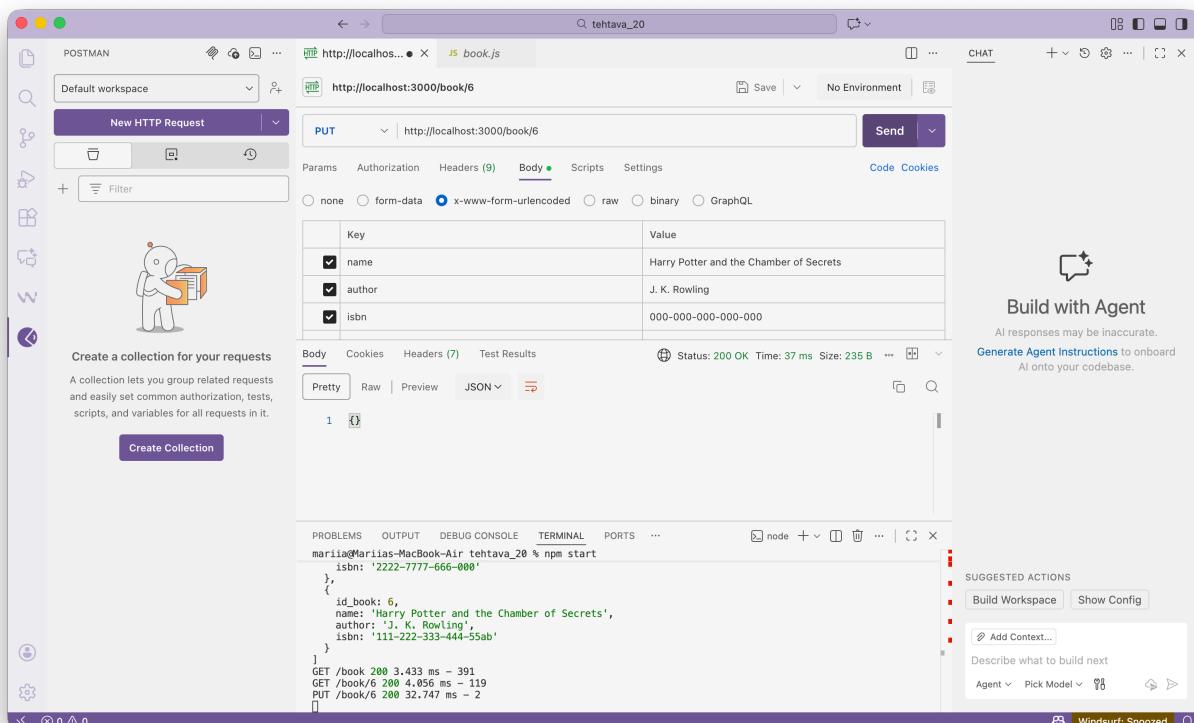
Build Workspace Show Config

Add Context... Describe what to build next

Agent Pick Model

Windsurf: Snoozed

PUT - muokataan 6 kirjan isbn book taulussa.



POSTMAN

Default workspace

New HTTP Request

http://localhost:3000/book/6

PUT | http://localhost:3000/book/6

Params Authorization Headers (9) Body Scripts Settings

Body

Key	Value
name	Harry Potter and the Chamber of Secrets
author	J. K. Rowling
isbn	000-000-000-000

Code Cookies

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS ...

```
mariia@Mariias-MacBook-Air:~/tehtava_20 % npm start
  author: 'Bjarne Stroustrup',
  isbn: '222-777-666-000'
  [
    {
      id_book: 6,
      name: 'Harry Potter and the Chamber of Secrets',
      author: 'J. K. Rowling',
      isbn: '111-222-333-444-55ab'
    }
  ]
GET /book 200 3.433 ms - 391
GET /book/6 200 4.056 ms - 119
PUT /book/6 200 32.747 ms - 2
```

SUGGESTED ACTIONS

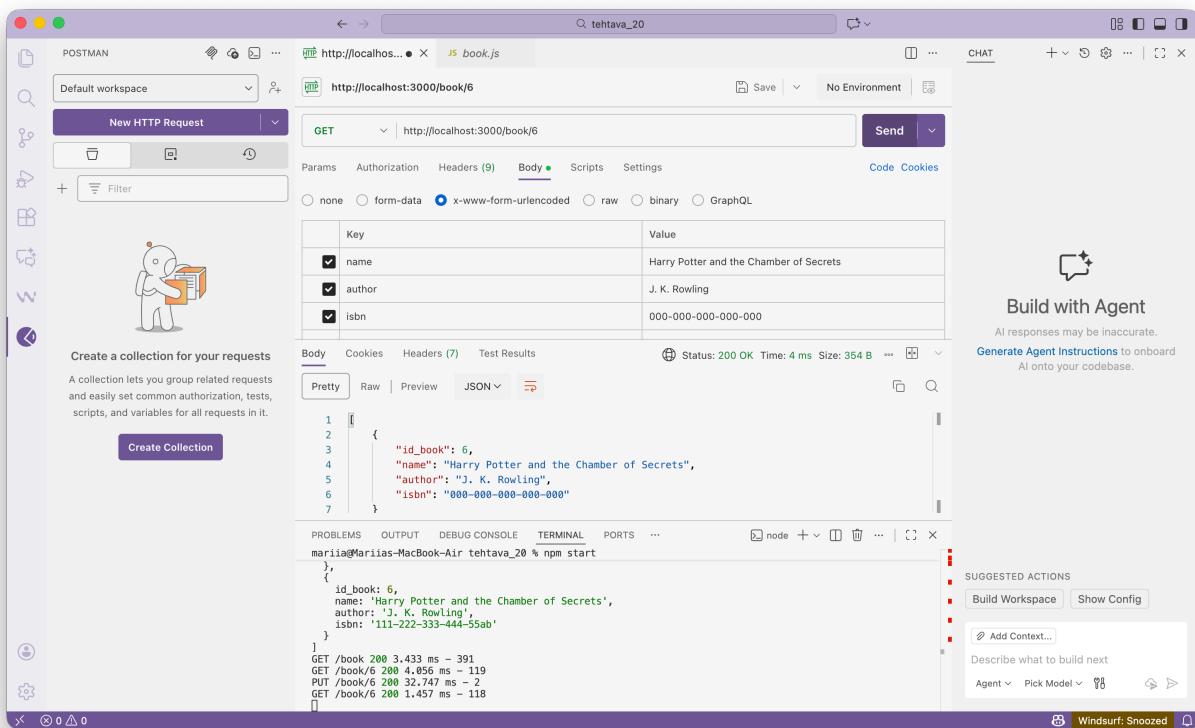
Build Workspace Show Config

Add Context... Describe what to build next

Agent Pick Model

Windsurf: Snoozed

GET - saadaan 6 kirjan päivitettyt tiedot taulusta book.

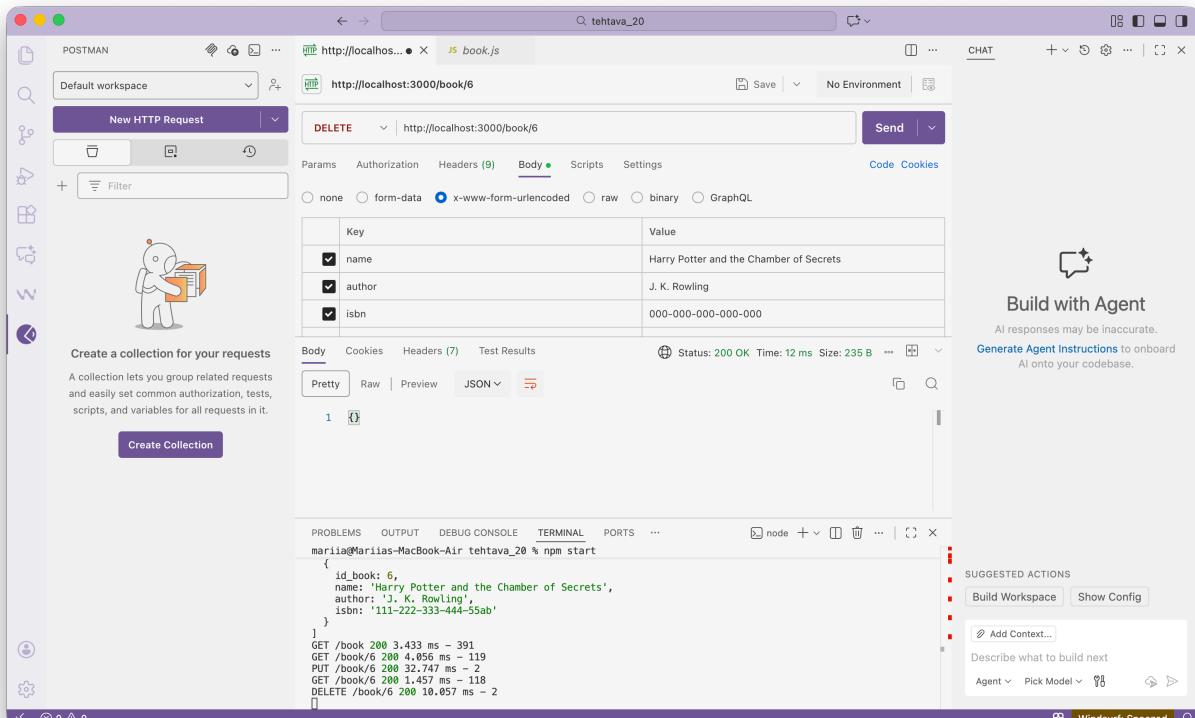


The screenshot shows the Postman application interface. A GET request is made to `http://localhost:3000/book/6`. The response status is `200 OK`, Time: 4 ms, Size: 354 B. The JSON body of the response is:

```
1 {
2   "id_book": 6,
3   "name": "Harry Potter and the Chamber of Secrets",
4   "author": "J. K. Rowling",
5   "isbn": "000-000-000-000"
```

The terminal pane shows the command `npm start` running in a terminal window.

DELETE - poistetaan kaikki tiedot kirjasta 6 taulussa book.



The screenshot shows the Postman application interface. A DELETE request is made to `http://localhost:3000/book/6`. The response status is `200 OK`, Time: 12 ms, Size: 235 B. The JSON body of the response is:

```
1
```

The terminal pane shows the command `npm start` running in a terminal window, and the command `DELETE /book/6` being executed.

GET - saadaan näkyviin taulun book sisältö kirjan 6 poiston jälkeen.

The screenshot shows the POSTMAN application interface. A GET request is made to `http://localhost:3000/book`. The request body is set to `x-www-form-urlencoded` with fields `name`, `author`, and `isbn`. The response status is `200 OK`. The JSON data returned is:

```
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  {
15    "id_book": 3,
16    "name": "The C++ Programming Language",
17    "author": "Bjarne Stroustrup",
18    "isbn": "2222-7777-666-000"
19  }
20]
```

The terminal tab shows the command `npm start` being run in the directory `tehtava_20`.

GET - saadaan näkyviin taulun borrower sisältö

The screenshot shows the VS Code interface with the Explorer sidebar open, displaying files like `app.js`, `book_model.js`, and `borrower_model.js`. In the center, a terminal window shows the command `npm start` being run. The main area displays a POST request to `http://localhost:3000/borrower`. The request body is set to `x-www-form-urlencoded` and contains the following data:

Key	Value
fname	Jenifer
lname	Aniston
streetaddress	Hollywood st 1

The response status is `200 OK`. Below the terminal, the output window shows the command `npm start` and the logs for the application's startup.

POST - luodaan uusi borrower taulussa borrower

The screenshot shows the VS Code interface with the Explorer sidebar open, displaying files like `app.js`, `book_model.js`, and `borrower_model.js`. In the center, a terminal window shows the command `npm start` being run. The main area displays a POST request to `http://localhost:3000/borrower`. The request body is set to `x-www-form-urlencoded` and contains the following data:

Key	Value
fname	Jenifer
lname	Aniston
streetaddress	Hollywood st 1

The response status is `200 OK`. Below the terminal, the output window shows the command `npm start` and the logs for the application's startup.

GET - tarkistetaan taulun borrower sisältö

The screenshot shows the Code IDE interface with the following details:

- EXPLORER:** Shows files like app.js, book_model.js, and borrower_model.js.
- HTTP REQUEST:** GET http://localhost:3000/borrower
- BODY:** x-www-form-urlencoded
- RESPONSE:**
 - Status: 200 OK
 - Time: 3 ms
 - Size: 323 B

```
1  [{"id_borrower":4,"fname":"Jenifer","lname":"Aniston","streetAddress":"Hollywood st 1"}]
```
- SUGGESTED ACTIONS:** Build Workspace, Show Config, Add Context...
- TERMINAL:** mariia@Mariias-MacBook-Air tehtava_20 % npm start
- OUTPUT:** GET /borrower 200 1.170 ms - 88

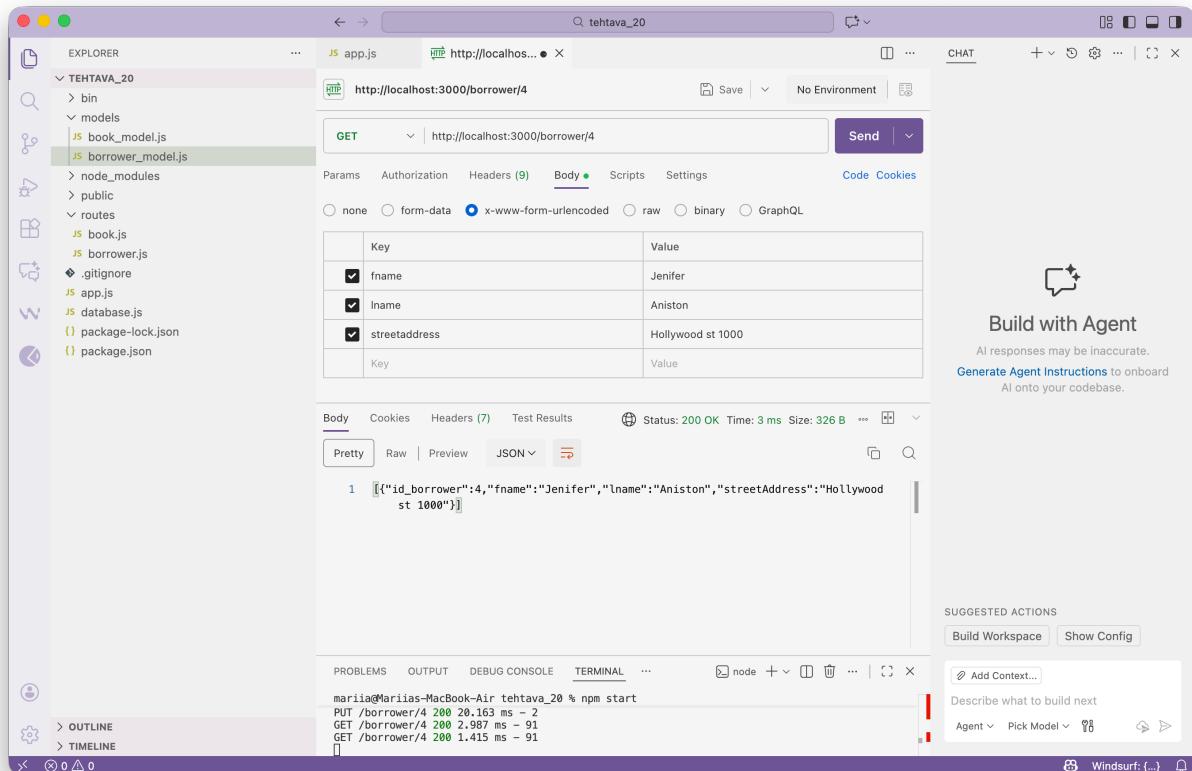
PUT - muokataan streetaddress

The screenshot shows the Code IDE interface with the following details:

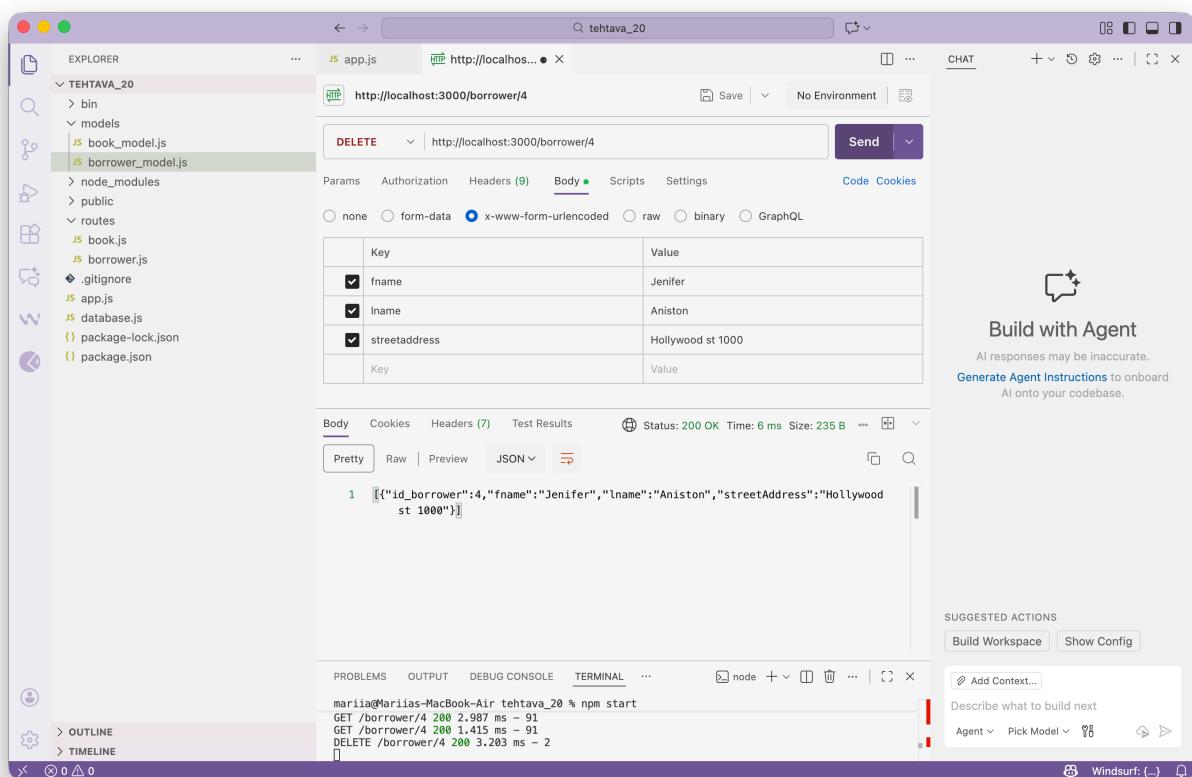
- EXPLORER:** Shows files like app.js, book_model.js, and borrower_model.js.
- HTTP REQUEST:** PUT http://localhost:3000/borrower/4
- BODY:** x-www-form-urlencoded
- RESPONSE:**
 - Status: 200 OK
 - Time: 22 ms
 - Size: 235 B

```
1  {}
```
- SUGGESTED ACTIONS:** Build Workspace, Show Config, Add Context...
- TERMINAL:** mariia@Mariias-MacBook-Air tehtava_20 % npm start
- OUTPUT:** PUT /borrower/4 200 20.163 ms - 2

GET - tarkistetaan sisältö päivityksen jälkeen.



DELETE - poistetaan Jenifer taulusta borrower



GET - tarkistetaan taulun borrower sisältö

The screenshot shows the Visual Studio Code interface with the following details:

- Explorer:** Shows the project structure with files like `app.js`, `book_model.js`, and `borrower_model.js`.
- Terminal:** Shows the command `npm start` being run, with output indicating a `200` status code.
- Editor:** Displays a POST request to `http://localhost:3000/borrower` with the following JSON body:

```
    "fname": "Jenifer",
    "lname": "Aniston",
    "streetaddress": "Hollywood st 1000"
```
- Status Bar:** Shows the status `Status: 200 OK Time: 4 ms Size: 235 B`.
- Suggested Actions:** A tooltip suggests `Add Context...` and `Describe what to build next`.