

Visual Studio Code interface showing a REST client request to `localhost:3000/book` using the GET method. The response is a JSON array of book objects.

Request: GET `localhost:3000/book`

Response (JSON):

```
[{"id_book":1,"name":"PHP Basic","author":"Bob Jones","isbn":"123-456-789-111-x"}, {"id_book":2,"name":"Statistics","author":"Lisa Smith","isbn":"222-333-444-555-y"}, {"id_book":3,"name":"2001: Space Odyssey","author":"Arthur C. Clarke","isbn":"586-259-329-258-s"}]
```

Terminal Output:

```
isbn: '586-259-329-258-s'
}
]
GET /book 200 10.971 ms - 263
GET /id 404 0.738 ms - 141
GET /book/3 200 1.835 ms - 99
[
  {
    id_book: 1,
    name: 'PHP Basic',
    author: 'Bob Jones',
    isbn: '123-456-789-111-x'
  },
  {
    id_book: 2,
    name: 'Statistics',
    author: 'Lisa Smith',
    isbn: '222-333-444-555-y'
  },
  {
    id_book: 3,
    name: '2001: Space Odyssey',
    author: 'Arthur C. Clarke',
    isbn: '586-259-329-258-s'
  }
]
GET /book 200 1.104 ms - 263
```

GET alkutilanteesta

Visual Studio Code interface showing a REST client request and response for a POST operation on localhost:3000/book.

Request:

- Method: POST
- URL: localhost:3000/book
- Body Type: x-www-form-urlencoded
- Body Data:

Key	Value
name	Lord of the Ring
author	J. R. R. Tolkien
isbn	485-123-957-128-1

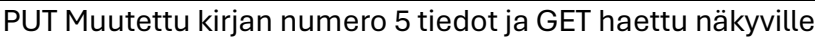
Response:

```
1 [{"fieldCount":0,"affectedRows":1,"insertId":5,"info":"","serverStatus":2,"warningStatus":0,"changedRows":0}]
```

Terminal Output:

```
{
  id_book: 2,
  name: 'Statistics',
  author: 'Lisa Smith',
  isbn: '222-333-444-555-y'
},
{
  id_book: 3,
  name: '2001: Space Odyssey',
  author: 'Arthur C. Clarke',
  isbn: '586-259-329-258-s'
},
{
  id_book: 4,
  name: 'Lord of the Ring',
  author: 'J. R. R. Tolkien',
  isbn: '485-123-957-128-1'
},
{
  id_book: 5,
  name: 'Lord of the Ring',
  author: 'J. R. R. Tolkien',
  isbn: '485-123-957-128-1'
}
]
GET /book 200 1.337 ms - 453
```

POST Lisätty kirja, sama kaksi kertaa



Visual Studio Code interface showing a REST client request and response for a book API.

Explorer: The file explorer on the left shows the project structure, including files like `book_model.js`, `database.js`, and `routes`.

REST Client: The main editor shows a REST client request to `localhost:3000/book` using the `GET` method. The response is a JSON object:

```
{
  "fieldCount": 0,
  "affectedRows": 1,
  "insertId": 0,
  "info": "Rows matched: 1 Changed: 1 Warnings: 0",
  "serverStatus": 2,
  "warningStatus": 0,
  "changedRows": 1
}
```

Terminal: The terminal at the bottom shows the output of the REST client, including the `DELETE` and `GET` requests and their responses.

DELETE Kirja 2 poistettu ja GET haettu tiedot näkyviin