

Kaunista koodia ☒

```
[
  {
    "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": "The C Programming Language",
    "author": "Denis Richie",
    "isbn": "222-333-222-333"
  }
]
```

 MINGW64:/c/Git/rajapinnat20

```
[nodemon] restarting due to changes...
[nodemon] starting 'node ./bin/www start'
[
  {
    id_book: 1,
    name: 'PHP Basic',
  },
  {
    id_book: 2,
    name: 'Statistics',
    author: 'Lisa Smith',
    isbn: '222-333-444-555-y'
  },
  {
    id_book: 3,
    name: 'The C Programming Language',
    author: 'Denis Richie',
    isbn: '222-333-222-333'
  }
]
GET /book 304 2.291 ms - -
```

localhost:3000/book

GET localhost:3000/book

Params Authorization Headers (7) Body Scripts Settings

Query Params

Key	Value
Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 10 ms Size: 501 B

Pretty Raw Preview 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  {
15    "id_book": 3,
16    "name": "The C Programming Language",
17    "author": "Denis Richie",
```

localhost:3000/book

POST localhost:3000/book

Params Authorization Headers (0) Body Scripts Settings

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

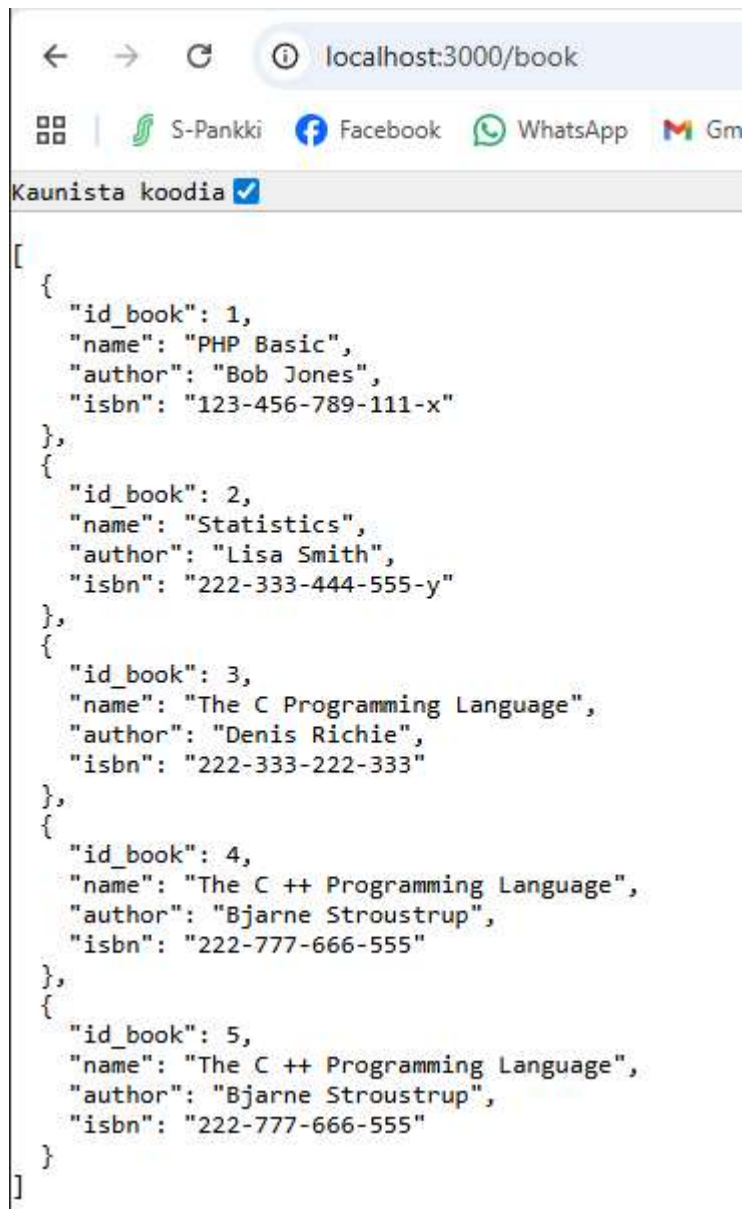
Key	Value
<input checked="" type="checkbox"/> name	The C ++ Programming Language
<input checked="" type="checkbox"/> author	Bjame Stroustrup
<input checked="" type="checkbox"/> isbn	222-777-666-555
Key	Value

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 7 ms Size: 343 B

Pretty Raw Preview JSON

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



The screenshot shows a web browser window with the address bar displaying 'localhost:3000/book'. Below the address bar, there are social media icons for S-Pankki, Facebook, WhatsApp, and Gmail. A status bar at the top of the page content area says 'Kaunista koodia' with a blue checkmark icon. The main content area displays a JSON array of five book objects. Each object contains 'id_book', 'name', 'author', and 'isbn' fields. The books listed are 'PHP Basic' by Bob Jones, 'Statistics' by Lisa Smith, 'The C Programming Language' by Denis Richie, and two identical entries for 'The C ++ Programming Language' by Bjarne Stroustrup.

```
[
  {
    "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": "The C Programming Language",
    "author": "Denis Richie",
    "isbn": "222-333-222-333"
  },
  {
    "id_book": 4,
    "name": "The C ++ Programming Language",
    "author": "Bjarne Stroustrup",
    "isbn": "222-777-666-555"
  },
  {
    "id_book": 5,
    "name": "The C ++ Programming Language",
    "author": "Bjarne Stroustrup",
    "isbn": "222-777-666-555"
  }
]
```

Tuli vahingossa kaksi kertaa tämä lisäys

localhost:3000/book/4

PUT localhost:3000/book/4

Params Authorization Headers (9) Body Scripts Settings

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

Key	Value
name	The C ++ Programming Language
author	Bjarne Stroustrup
isbn	222-777-666-111

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 7 ms Size: 383 B

Pretty Raw Preview JSON

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

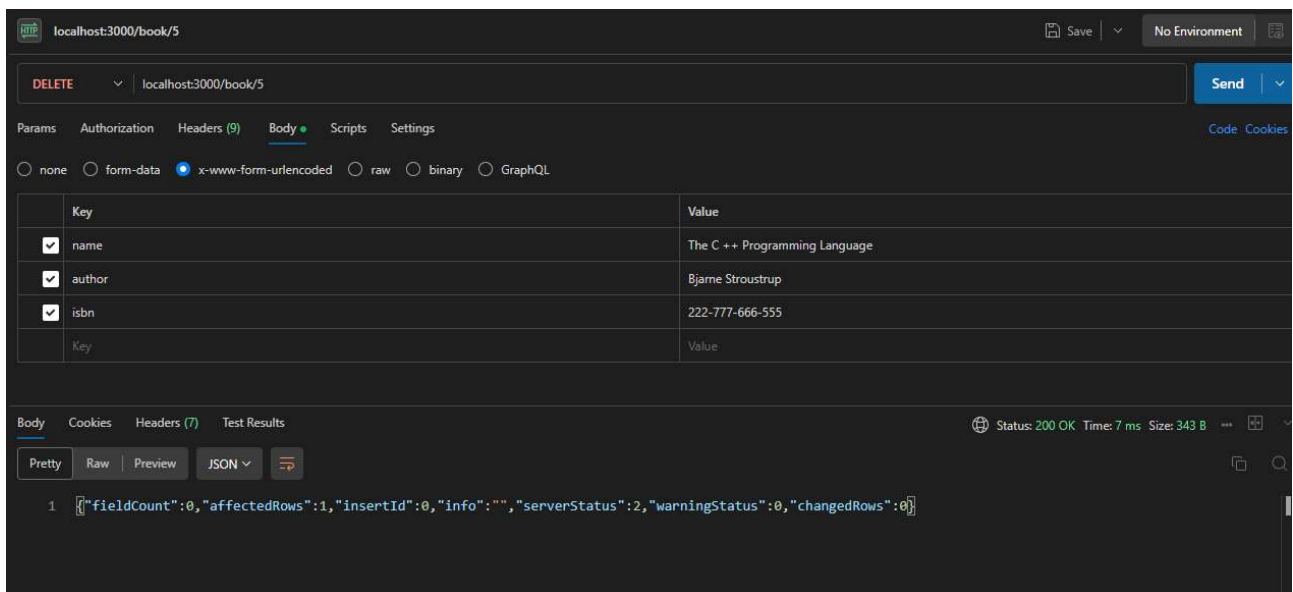
localhost:3000/book

S-Pankki Facebook WhatsApp Gmail

caunista koodia

```
[
  {
    "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": "The C Programming Language",
    "author": "Denis Richie",
    "isbn": "222-333-222-333"
  },
  {
    "id_book": 4,
    "name": "The C ++ Programming Language",
    "author": "Bjarne Stroustrup",
    "isbn": "222-777-666-111"
  },
  {
    "id_book": 5,
    "name": "The C ++ Programming Language",
    "author": "Bjarne Stroustrup",
    "isbn": "222-777-666-555"
  }
]
```

Poistetaan toinen tuplista



localhost:3000/book/5

DELETE localhost:3000/book/5

Params Authorization Headers (9) Body Scripts Settings

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

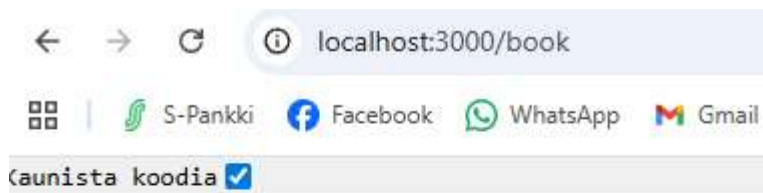
Key	Value
name	The C ++ Programming Language
author	Bjarne Stroustrup
isbn	222-777-666-555

Status: 200 OK Time: 7 ms Size: 343 B

Body Cookies Headers (7) Test Results

Pretty Raw Preview JSON

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



localhost:3000/book

S-Pankki Facebook WhatsApp Gmail

Kaunista koodia

```
[
  {
    "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": "The C Programming Language",
    "author": "Denis Richie",
    "isbn": "222-333-222-333"
  },
  {
    "id_book": 4,
    "name": "The C ++ Programming Language",
    "author": "Bjarne Stroustrup",
    "isbn": "222-777-666-111"
  }
]
```