

Sansai Kumar K S

Flask Project Outputs:

HTTP Methods:

1. Get

```
127.0.0.1:5000/book
{
  "author": "Nicol\u00e1s Bevacqua",
  "description": "To get the most out of modern JavaScript, you need learn the latest features of its parent specification, ECMAScript 6 (ES6). This book provisbnes a highly practical look at ES6, without getting lost in the specification or its implementation details.",
  "isbn": 9781491943533,
  "pages": 334,
  "published": "2017-07-16T00:00:00.000Z",
  "publisher": "O'Reilly Media",
  "title": "Practical Modern JavaScript",
  "website": "https://github.com/mjavascript/practical-modern-javascript"
},
{
  "author": "Nicholas C. Zakas",
  "description": "ECMAScript 6 represents the biggest update to the core of JavaScript in the history of the language. In Understanding ECMAScript 6, expert developer Nicholas C. Zakas provisbnes a complete guisbne to the object types, syntax, and other exciting changes that ECMAScript 6 brings to JavaScript.",
  "isbn": 9781593277574,
  "pages": 352,
  "published": "2015-09-03T00:00:00.000Z",
  "publisher": "No Starch Press",
  "title": "Understanding ECMAScript 6",
  "website": "https://leanpub.com/understandings6/read"
},
{
  "author": "Axel Rauschmayer",
  "description": "Like it or not, JavaScript is everywhere these days -from browser to server to mobile- and now you, too, need to learn the language or dive deeper than you have. This concise book guisbnes you into and through JavaScript, written by a veteran programmer who once found himself in the same position.",
  "isbn": 9781449365035,
  "pages": 460,
  "published": "2014-04-08T00:00:00.000Z",
  "publisher": "O'Reilly Media",
  "title": "Speaking JavaScript",
  "website": "http://speakingjs.com/"
},
}
```

http://127.0.0.1:5000/book

GET http://127.0.0.1:5000/book

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

Body Cookies Headers (5) Test Results 200 OK 13 ms 3.04 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "author": "Marijn Haverbeke",
3   "description": "JavaScript lies at the heart of almost every modern web application, from social
4     apps like Twitter to browser-based game frameworks like Phaser and Babylon. Though simple for
5     beginners to pick up and play with, JavaScript is a flexible, complex language that you can
6     use to build full-scale applications.",
7   "isbn": 9781593279509,
8   "pages": 472,
9   "published": "2018-12-04T00:00:00.000Z",
10  "publisher": "No Starch Press",
11  "title": "Eloquent JavaScript, Third Edition",
12  "website": "http://eloquentjavascript.net/"
13 },
14 {
15   "author": "Nicol\u00e1s Bevacqua",
16   "description": "To get the most out of modern JavaScript, you need learn the latest features of
17     its parent specification, ECMAScript 6 (ES6). This book provisbnes a highly practical look at
18     ES6, without getting lost in the specification or its implementation details.",
19   "isbn": 9781491943533,
20   "pages": 334,
21   "published": "2017-07-16T00:00:00.000Z",
22   "publisher": "O'Reilly Media",
23   "title": "Practical Modern JavaScript",
24   "website": "https://github.com/mjavascript/practical-modern-javascript"
```

2. Post

The screenshot displays a web browser's developer tools interface. At the top, the address bar shows the URL `http://127.0.0.1:5000/add_book`. Below the address bar, the 'POST' method is selected, and the URL is repeated. The 'Body' tab is active, showing a JSON object in the request body. The JSON object contains the following fields: `title` (Learning JavaScript Design Patterns), `author` (Addy Osmani), `published` (2012-08-30T00:00:00.000Z), `publisher` (O'Reilly Media), `pages` (254), `description` (With Learning JavaScript Design Patterns, you'll learn how to write beautiful, structured, and maintainable JavaScript by applying classical and modern design patterns to the language. If you want to keep your code efficient, more manageable, and up-to-date with the latest best practices, this book is for you.), and `website` (http://www.addyosmani.com/resources/essentialjsdesignpatterns/book/). The response status is 200 OK, and the response body is also a JSON object with the same fields as the request body.

```
2  ... "title": "Learning JavaScript Design Patterns",
3  ... "author": "Addy Osmani",
4  ... "published": "2012-08-30T00:00:00.000Z",
5  ... "publisher": "O'Reilly Media",
6  ... "pages": 254,
7  ... "description": "With Learning JavaScript Design Patterns, you'll learn how to write beautiful,
8  ... "website": "http://www.addyosmani.com/resources/essentialjsdesignpatterns/book/"
9
```

Body Cookies Headers (5) Test Results 200 OK 11 ms 766 B Save Response

```
2  "author": "Addy Osmani",
3  "description": "With Learning JavaScript Design Patterns, you'll learn how to write beautiful,
4  "isbn": 6,
5  "pages": 254,
6  "published": "2012-08-30T00:00:00.000Z",
7  "publisher": "O'Reilly Media",
8  "title": "Learning JavaScript Design Patterns",
9  "website": "http://www.addyosmani.com/resources/essentialjsdesignpatterns/book/"
```

3. Put

The screenshot displays a REST client interface with the following components:

- URL Bar:** `http://127.0.0.1:5000/update_book`
- Method:** `PUT`
- Body Tab:** Contains the request body in JSON format:

```
to build full-scale applications.",
4  .... "isbn": 9781593279509,
5  .... "pages": 472,
6  .... "published": "2018-12-04T00:00:00.000Z",
7  .... "publisher": "No Starch Press",
8  .... "title": "JavaScript, Third Edition",
9  .... "website": "http://eloquentjavascript.net/"
10
```
- Response Tab:** Shows the response status `200 OK` and the response body in JSON format:

```
{
  "author": "Marijn Haverbeke",
  "description": "JavaScript lies at the heart of almost every modern web application, from social
    apps like Twitter to browser-based game frameworks like Phaser and Babylon. Though simple for
    beginners to pick up and play with, JavaScript is a flexible, complex language that you can
    use to build full-scale applications.",
  "isbn": 9781593279509,
  "pages": 472,
  "published": "2018-12-04T00:00:00.000Z",
  "publisher": "No Starch Press",
  "title": "JavaScript, Third Edition",
  "website": "http://eloquentjavascript.net/"
},
```

4. Delete

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

- URL:** `http://127.0.0.1:5000/delete/9781593279509`
- Method:** `DELETE`
- Status:** `200 OK`, `1448 ms`, `2.46 KB`
- Response Body (JSON):**

```
1 {
2   "author": "Nicolás Bevacqua",
3   "description": "To get the most out of modern JavaScript, you need learn the latest features of
4     its parent specification, ECMAScript 6 (ES6). This book provisbnes a highly practical look at
5     ES6, without getting lost in the specification or its implementation details.",
6   "isbn": 9781491943533,
7   "pages": 334,
8   "published": "2017-07-16T00:00:00.000Z",
9   "publisher": "O'Reilly Media",
10  "title": "Practical Modern JavaScript",
11  "website": "https://github.com/mjavascript/practical-modern-javascript"
12 },
13 {
14   "author": "Nicholas C. Zakas",
15   "description": "ECMAScript 6 represents the biggest update to the core of JavaScript in the
16     history of the language. In Understanding ECMAScript 6, expert developer Nicholas C. Zakas
17     provisbnes a complete guisbne to the object types, syntax, and other exciting changes that
18     ECMAScript 6 brings to JavaScript.",
19   "isbn": 9781593277574,
20   "pages": 352,
21   "published": "2016-09-03T00:00:00.000Z",
22   "publisher": "No Starch Press",
23   "title": "Understanding ECMAScript 6",
24   "website": "https://leanpub.com/understandinges6/read"
```