

Vaibhav Jain S(TEAM LEAD)

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 Save

GET http://127.0.0.1:5000/book Send

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 Copy Search

```
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"
25 }
```

2. Post

The screenshot shows a web browser's developer tools interface. At the top, the address bar displays `http://127.0.0.1:5000/add_book`. Below it, the 'POST' method is selected for the same URL. The 'Body' tab is active, showing a JSON object in the request body. The JSON object contains the following fields: `title`, `author`, `published`, `publisher`, `pages`, `description`, and `website`. The response is also shown in the 'Body' tab, displaying the same JSON object. The response status is 200 OK, with a response time of 11 ms and a size of 766 B.

```
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 Section:** Shows a `200 OK` status with a response time of `13 ms` and a size of `3.04 KB`. The response body is displayed in the `Pretty` tab:

```
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": "JavaScript, Third Edition",
12   "website": "http://eloquentjavascript.net/"
13 }
```

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.",
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22   "publisher": "No Starch Press",
23   "title": "Understanding ECMAScript 6",
24   "website": "https://leanpub.com/understandinges6/read"
```