

## 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": "2016-09-03T00:00:00.000Z",
  "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 ▼

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

## 2. Post

The screenshot displays a REST client interface for a POST request to `http://127.0.0.1:5000/add_book`. The request body is a JSON object with 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.",  "website": "http://www.addyosmani.com/resources/essentialjsdesignpatterns/book/"}
```

The response is also shown in JSON format:

```
{  "author": "Addy Osmani",  "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.",  "isbn": 6,  "pages": 254,  "published": "2012-08-30T00:00:00.000Z",  "publisher": "O'Reilly Media",  "title": "Learning JavaScript Design Patterns",  "website": "http://www.addyosmani.com/resources/essentialjsdesignpatterns/book/"}
```

### 3. Put

The screenshot displays a REST client interface with a PUT request to `http://127.0.0.1:5000/update_book`. The request body is a JSON object. The response is a 200 OK status with a JSON body.

**Request:**

```
PUT http://127.0.0.1:5000/update_book

{
  "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/"
}
```

**Response:**

```
200 OK 13 ms 3.04 KB

{
  "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 web browser's developer tools interface. At the top, the address bar displays the URL `http://127.0.0.1:5000/delete/9781593279509`. Below the address bar, the 'DELETE' method is selected, and the same URL is entered in the request field. The 'Send' button is visible. The 'Body' tab is active, showing the response body in JSON format. The response is a JSON array containing two book objects. The first object is for 'Practical Modern JavaScript' by Nicolás Bevacqua, and the second is for 'Understanding ECMAScript 6' by Nicholas C. Zakas. The response status is '200 OK' with a response time of '1448 ms' and a size of '2.46 KB'. The 'Save Response' button is also visible.

```
1  [
2    {
3      "author": "Nicolás Bevacqua",
4      "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.",
5      "isbn": 9781491943533,
6      "pages": 334,
7      "published": "2017-07-16T00:00:00.000Z",
8      "publisher": "O'Reilly Media",
9      "title": "Practical Modern JavaScript",
10     "website": "https://github.com/mjavascript/practical-modern-javascript"
11   },
12   {
13     "author": "Nicholas C. Zakas",
14     "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.",
15     "isbn": 9781593277574,
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17     "published": "2016-09-03T00:00:00.000Z",
18     "publisher": "No Starch Press",
19     "title": "Understanding ECMAScript 6",
20     "website": "https://leanpub.com/understandinges6/read"
21   }
22 ]
```