

Flask Project Outputs:

HTTP Methods:

1. Get

The screenshot shows a web browser's developer tools interface. The address bar displays the URL `http://127.0.0.1:5000/book`. The 'Send' button is visible. The 'Headers' tab is selected, showing a status of 200 OK, a response time of 13 ms, and a content size of 3.04 KB. The 'Body' tab is also visible, showing the JSON response. The response is a JSON array containing two book objects. The first object is for 'Eloquent JavaScript, Third Edition' by Marijn Haverbeke, and the second object is for 'Practical Modern JavaScript' by Nicolás Bevacqua.

```
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": "Nicolás 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 provides a highly practical look at
19      ES6, without getting lost in the specification or its implementation details.",
20    "isbn": 9781491943533,
21    "pages": 334,
22    "published": "2017-07-16T00:00:00.000Z",
23    "publisher": "O'Reilly Media",
24    "title": "Practical Modern JavaScript",
25    "website": "https://github.com/mjavascript/practical-modern-javascript"
26  }
27 ]
```

2. Post

The screenshot displays a REST client interface with a POST request to `http://127.0.0.1:5000/add_book`. The request body is a JSON object with the following fields: `title`, `author`, `published`, `publisher`, `pages`, `description`, and `website`. The response is a 200 OK status with a JSON body containing the same fields, but with `isbn` added and `description` reformatted.

Request:

```
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,
                        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.",
8  .... "website": "http://www.addyosmani.com/resources/essentialjsdesignpatterns/book/"
9
```

Response:

```
2  "author": "Addy Osmani",
3  "description": "With Learning JavaScript Design Patterns, you'll learn how to write beautiful,
4  structured, and maintainable JavaScript by applying classical and modern design patterns to the
5  language. If you want to keep your code efficient, more manageable, and up-to-date with the
6  latest best practices, this book is for you.",
7  "isbn": 6,
8  "pages": 254,
9  "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 the following components:

- URL Bar:** `http://127.0.0.1:5000/update_book` with a **Save** button and an edit icon.
- Method and URL:** **PUT** `http://127.0.0.1:5000/update_book` with a **Send** button.
- Request Body:** The **Body** tab is active, showing a JSON payload in **raw** format:

```
4     to build full-scale applications.",
5     "isbn": "9781593279509",
6     "pages": 472,
7     "published": "2018-12-04T00:00:00.000Z",
8     "publisher": "No Starch Press",
9     "title": "JavaScript, Third Edition",
10    "website": "http://eloquentjavascript.net/"
11  }
```
- Response:** The **Body** tab is also active for the response, showing a **JSON** response in **Pretty** format:

```
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 }
```
- Status Bar:** Shows a status of **200 OK**, a response time of **13 ms**, and a size of **3.04 KB**, with a **Save Response** button.

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   "  
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,  
16   "pages": 352,  
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 }
```