

For this assignment, you need to create API endpoints for the following operations for a book resource.

Book Resource

Create a local file of **books.json** which will contain an array of book objects. The book object structure will be as follows:

```
{
  "id": "ALeKk01Pb_TcJHaS0p",
  "name": "Harry Potter and the Philosopher's Stone",
  "year": 1997,
  "author": "J. K. Rowling"
}
```

You need to find out how to generate unique hash for the id field for all the book objects you might have in your JSON file.

Routes and its specification

GET

/book

This route will send list of all the books as response as an array in JSON.

GET

/book/:id

This route will send a specific book object based on the id as a JSON response.

POST

/book

This route will receive a JSON payload from the client and save it in the **users.json** file and send back a success response back to the client.

PUT

/book/:id

This route will receive a JSON payload from the client and update the values of the book object of a specific book object based on the id passed and send back a success response back to the client.

DELETE

/book/:id

This route will delete/remove the specific book object from the array where the id is matching and send back a success response back to the client.