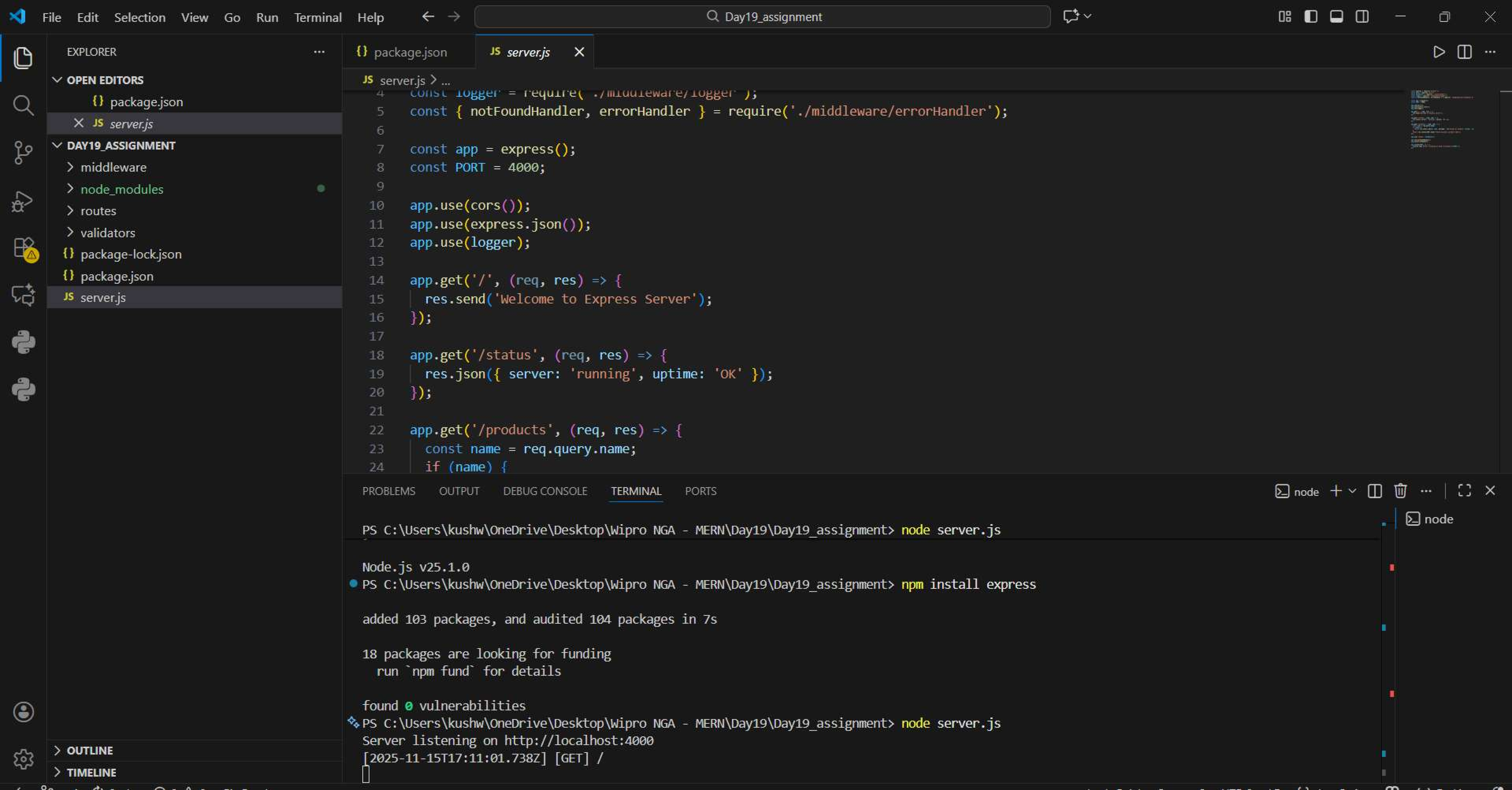
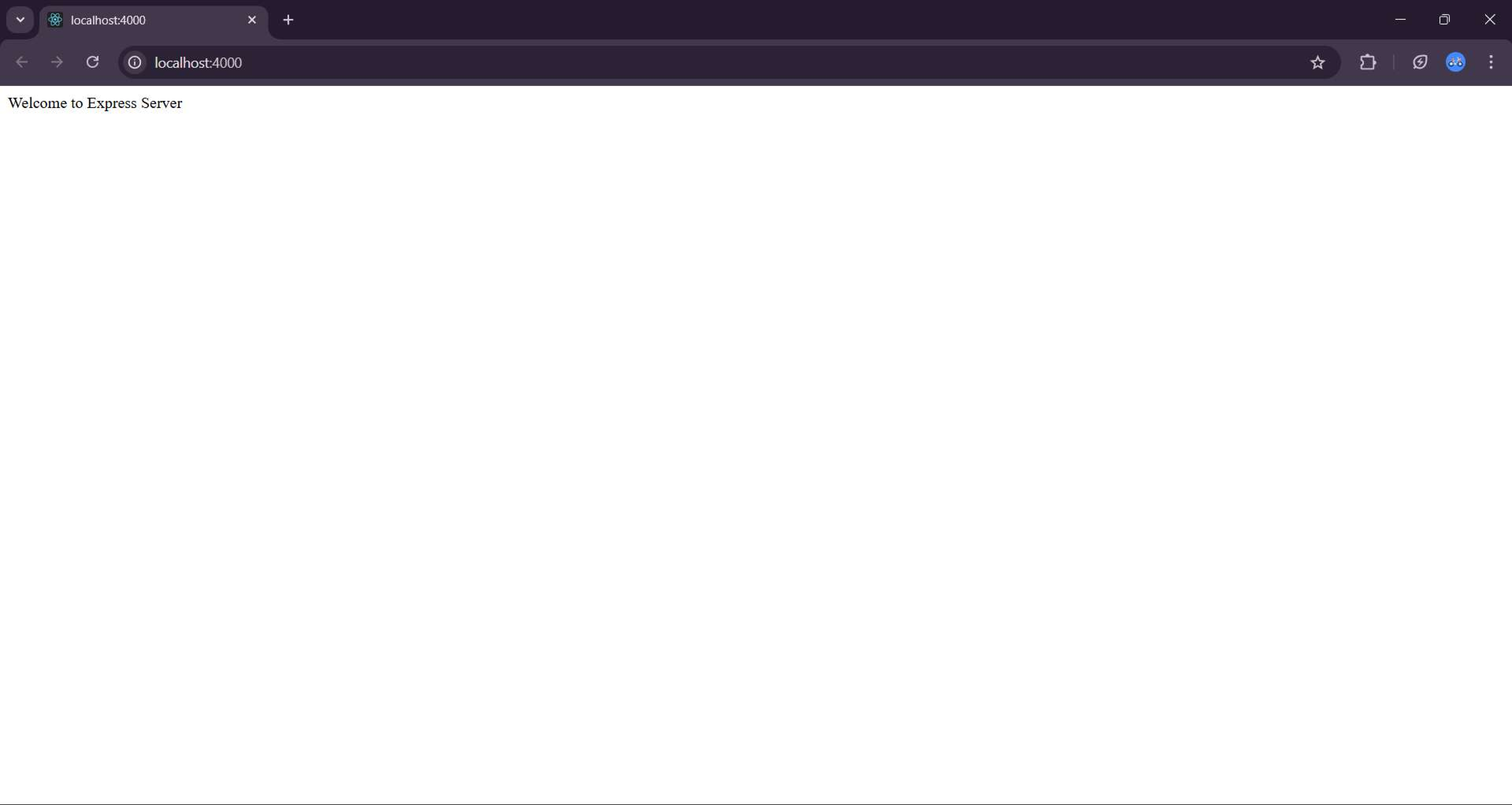
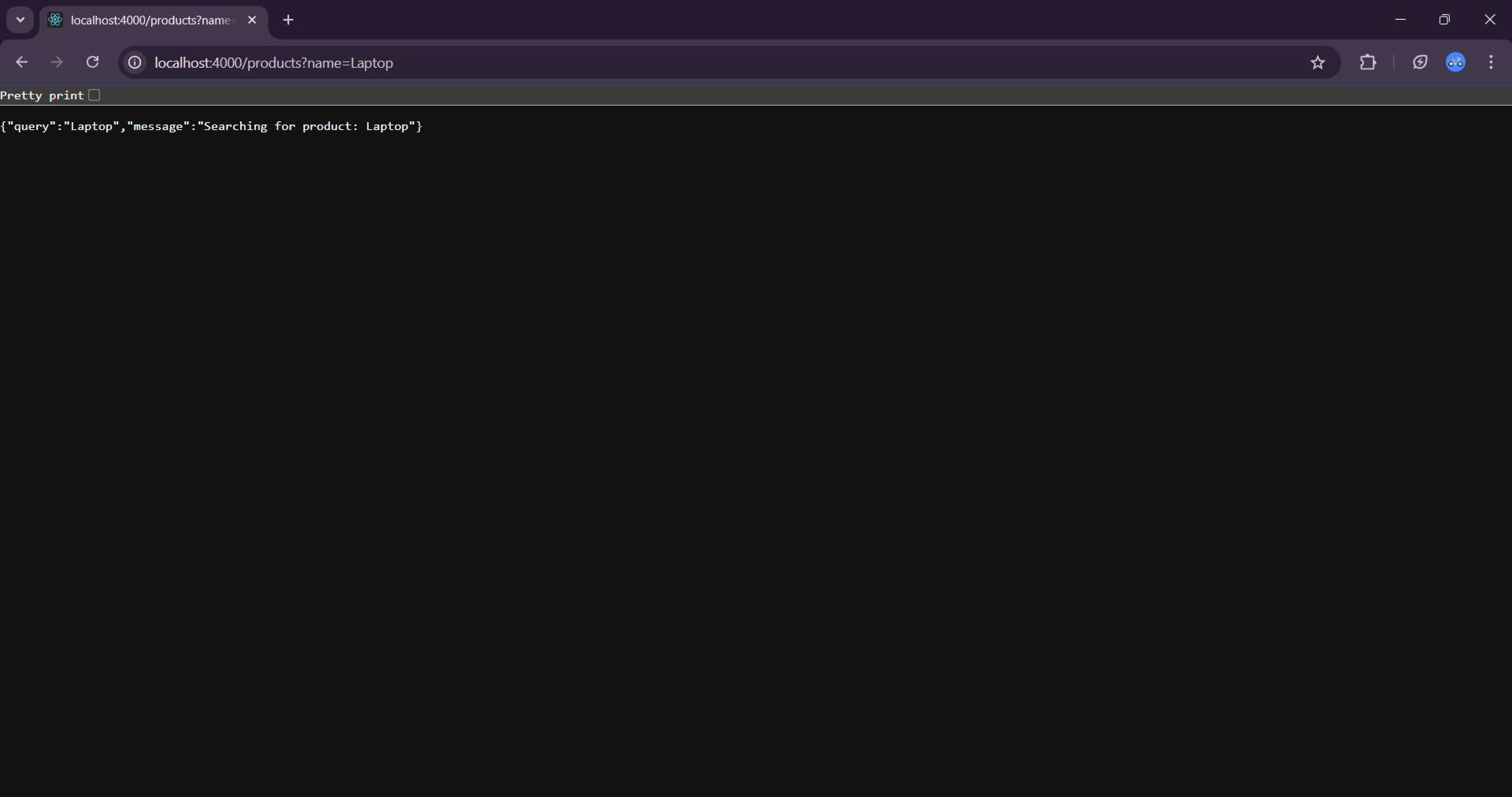


```javascript
const logger = require('./middleware/logger');
const { notFoundHandler, errorHandler } = require('./middleware/errorHandler');

const app = express();
const PORT = 4000;

app.use(cors());
app.use(express.json());
app.use(logger);

app.get('/', (req, res) => {
  res.send('Welcome to Express Server');
});

app.get('/status', (req, res) => {
  res.json({ server: 'running', uptime: 'OK' });
});

app.get('/products', (req, res) => {
  const name = req.query.name;
  if (name) {
```

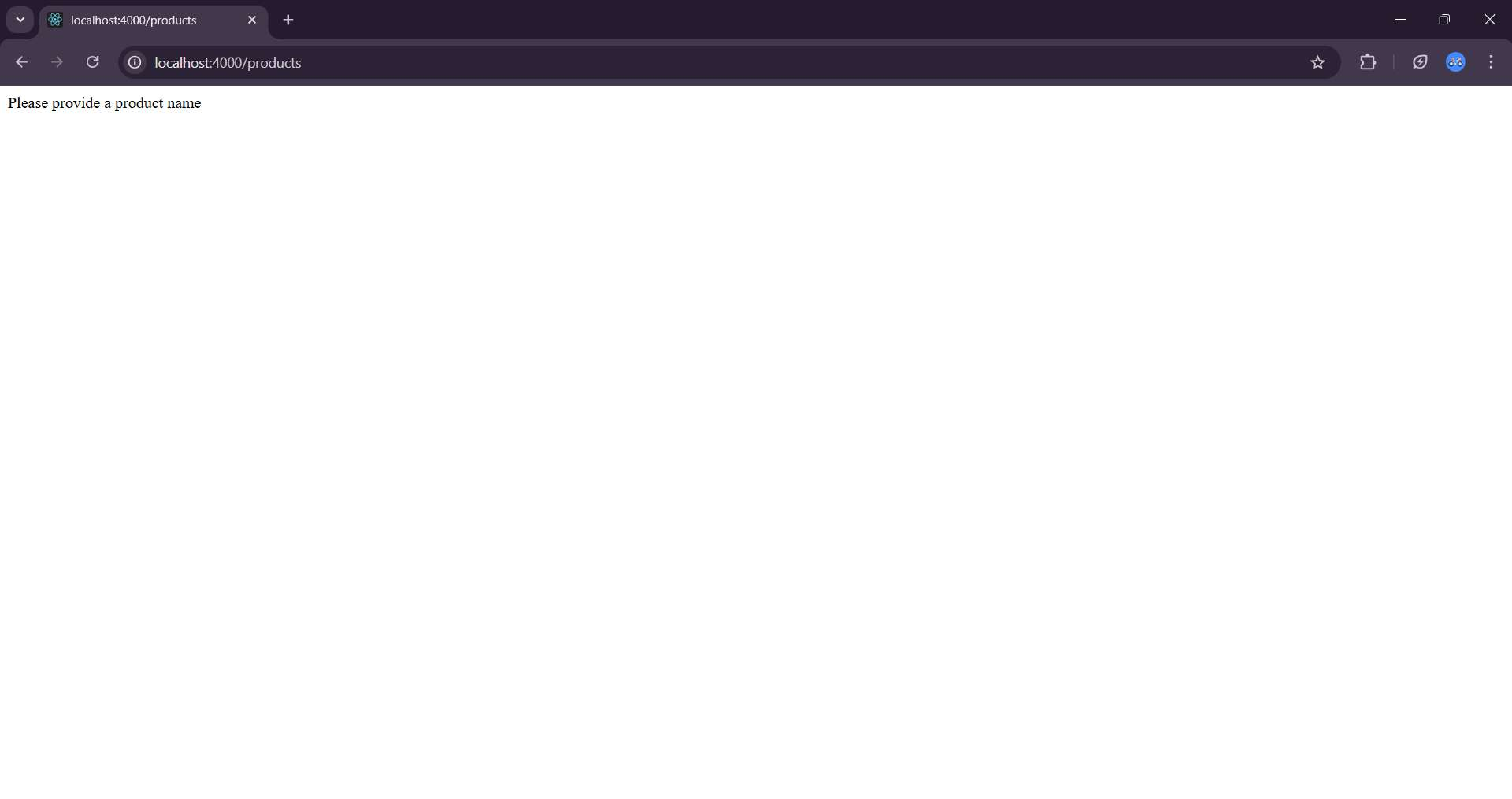
```
PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day19\Day19_assignment> node server.js

Node.js v25.1.0
PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day19\Day19_assignment> npm install express

added 103 packages, and audited 104 packages in 7s

18 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day19\Day19_assignment> node server.js
Server listening on http://localhost:4000
[2025-11-15T17:11:01.738Z] [GET] /
```



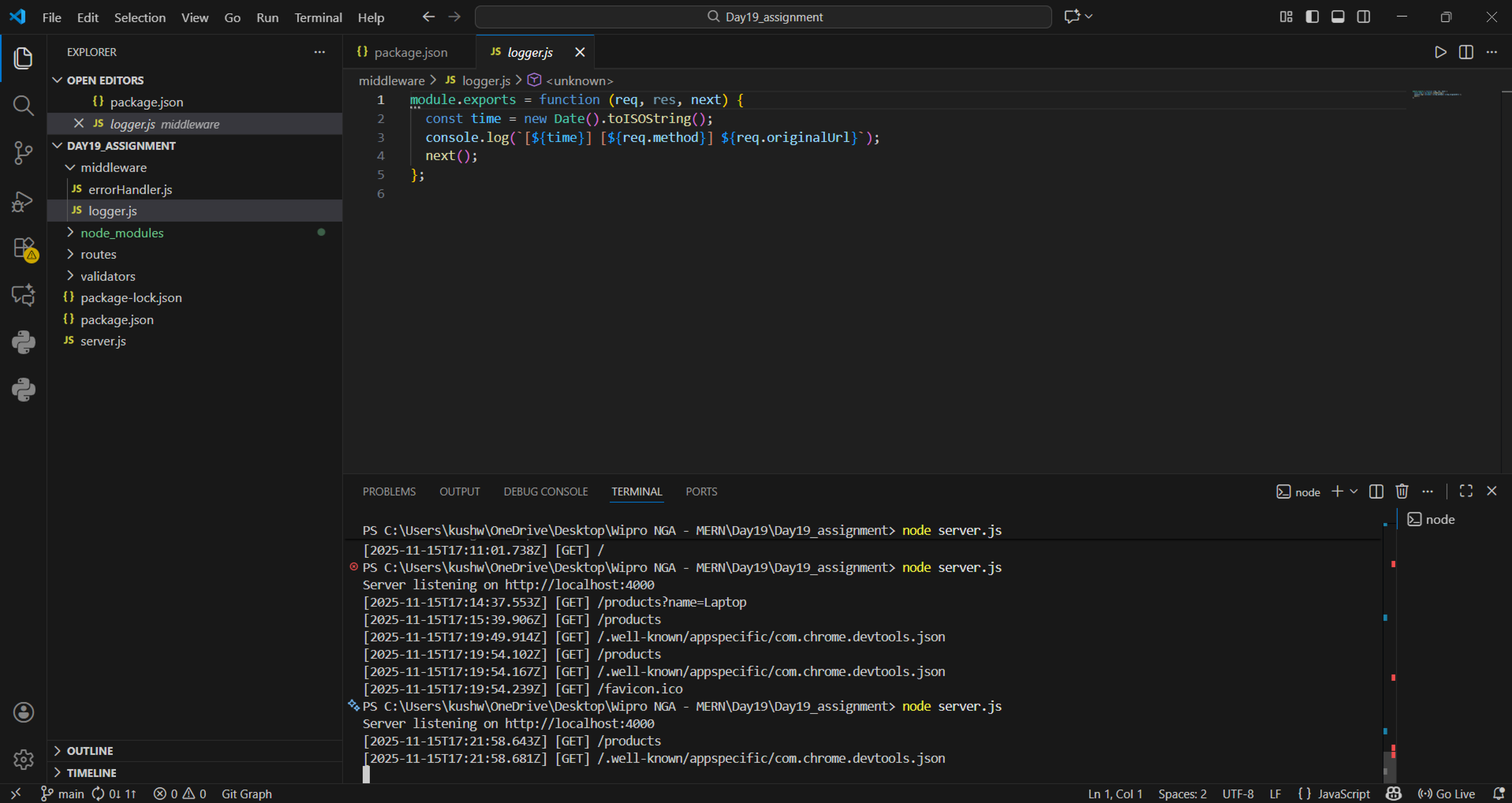
Welcome to Express Server


localhost:4000/products?name=
localhost:4000/products?name=Laptop
Pretty print ☐

```
{"query":"Laptop","message":"Searching for product: Laptop"}
```

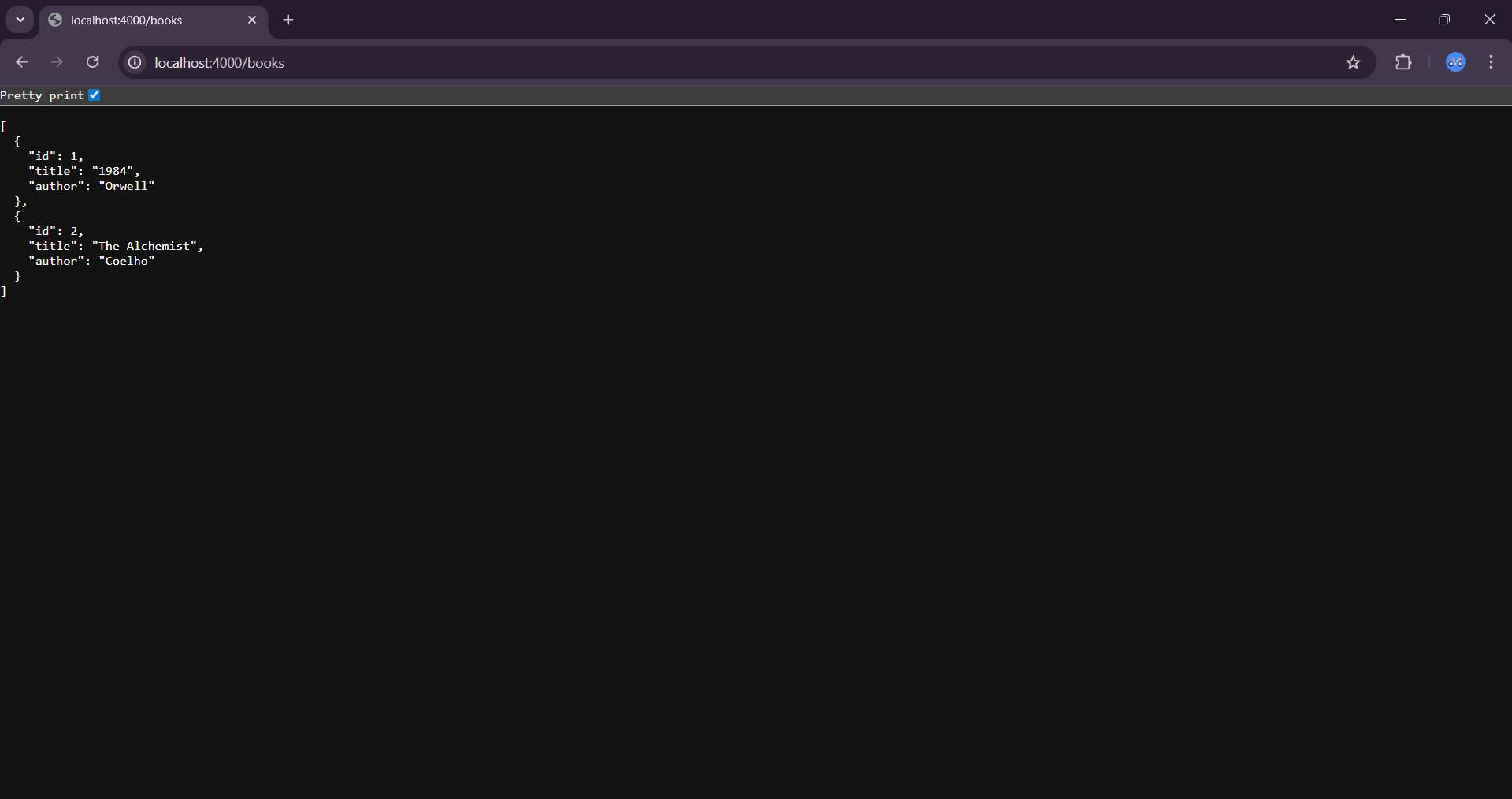


Please provide a product name



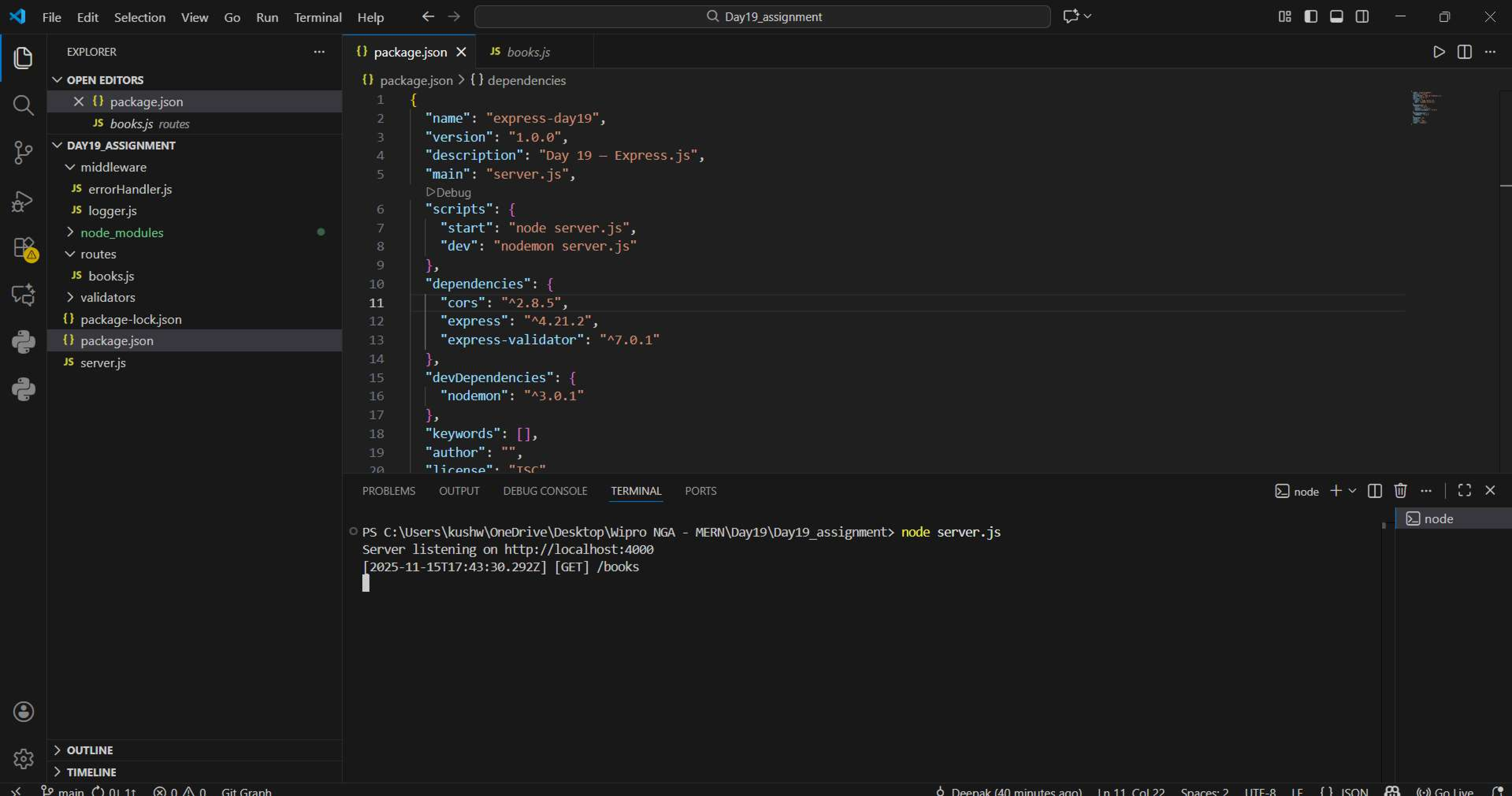
```javascript
module.exports = function (req, res, next) {
  const time = new Date().toISOString();
  console.log(`[${time}] [${req.method}] ${req.originalUrl}`);
  next();
};
```

```
PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day19\Day19_assignment> node server.js
[2025-11-15T17:11:01.738Z] [GET] /
PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day19\Day19_assignment> node server.js
Server listening on http://localhost:4000
[2025-11-15T17:14:37.553Z] [GET] /products?name=Laptop
[2025-11-15T17:15:39.906Z] [GET] /products
[2025-11-15T17:19:49.914Z] [GET] /.well-known/appspecific/com.chrome.devtools.json
[2025-11-15T17:19:54.102Z] [GET] /products
[2025-11-15T17:19:54.167Z] [GET] /.well-known/appspecific/com.chrome.devtools.json
[2025-11-15T17:19:54.239Z] [GET] /favicon.ico
PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day19\Day19_assignment> node server.js
Server listening on http://localhost:4000
[2025-11-15T17:21:58.643Z] [GET] /products
[2025-11-15T17:21:58.681Z] [GET] /.well-known/appspecific/com.chrome.devtools.json
```



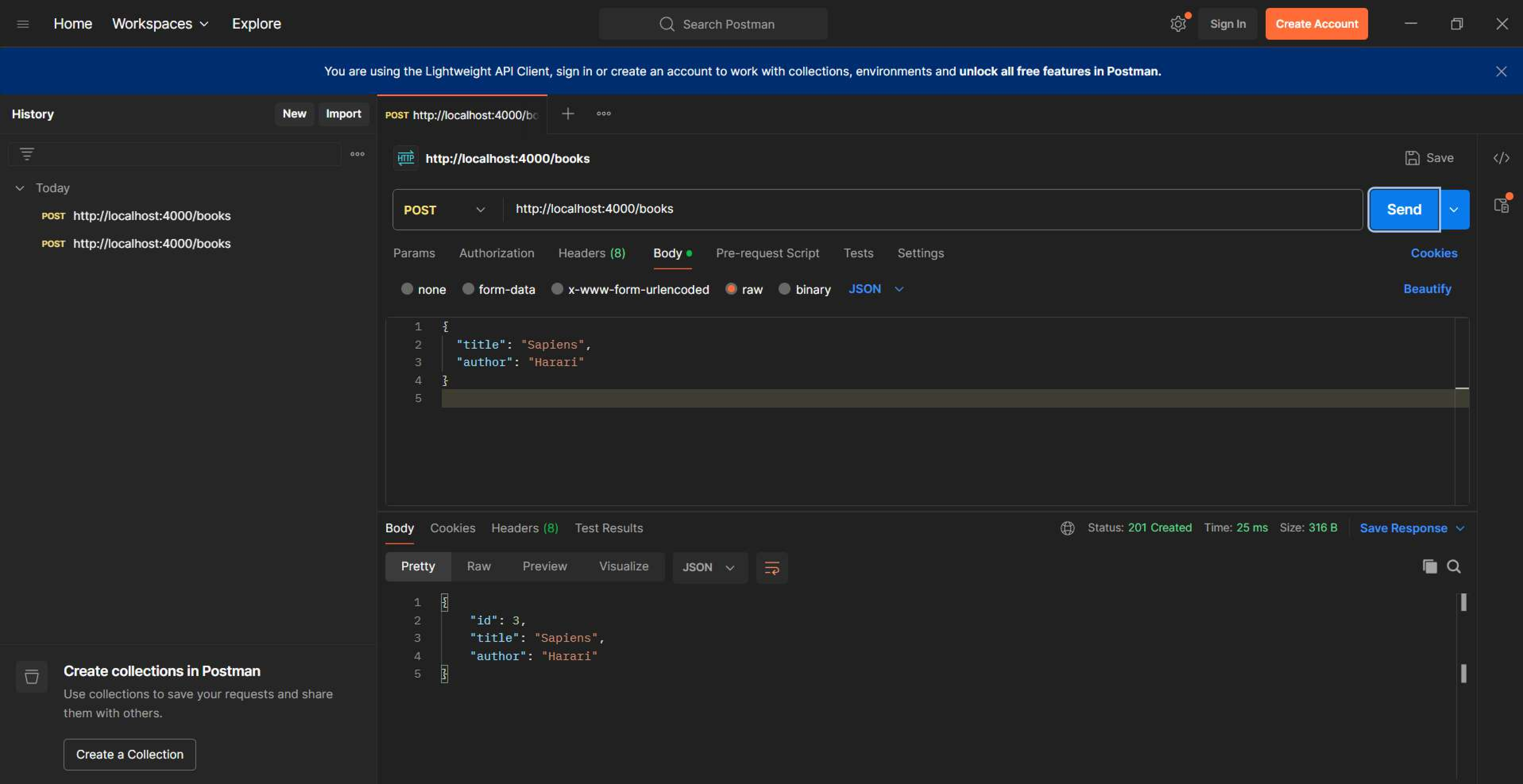
Pretty print ☑

```
[
  {
    "id": 1,
    "title": "1984",
    "author": "Orwell"
  },
  {
    "id": 2,
    "title": "The Alchemist",
    "author": "Coelho"
  }
]
```



```json
{
  "name": "express-day19",
  "version": "1.0.0",
  "description": "Day 19 – Express.js",
  "main": "server.js",
  "scripts": {
    "start": "node server.js",
    "dev": "nodemon server.js"
  },
  "dependencies": {
    "cors": "^2.8.5",
    "express": "^4.21.2",
    "express-validator": "^7.0.1"
  },
  "devDependencies": {
    "nodemon": "^3.0.1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
```

```
PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day19\Day19_assignment> node server.js
Server listening on http://localhost:4000
[2025-11-15T17:43:30.292Z] [GET] /books
```



You are using the Lightweight API Client, sign in or create an account to work with collections, environments and **unlock all free features in Postman.**

POST http://localhost:4000/books

POST http://localhost:4000/books

http://localhost:4000/books

POST http://localhost:4000/books

○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary JSON

```
{
  "title": "Sapiens",
  "author": "Harari"
}

```

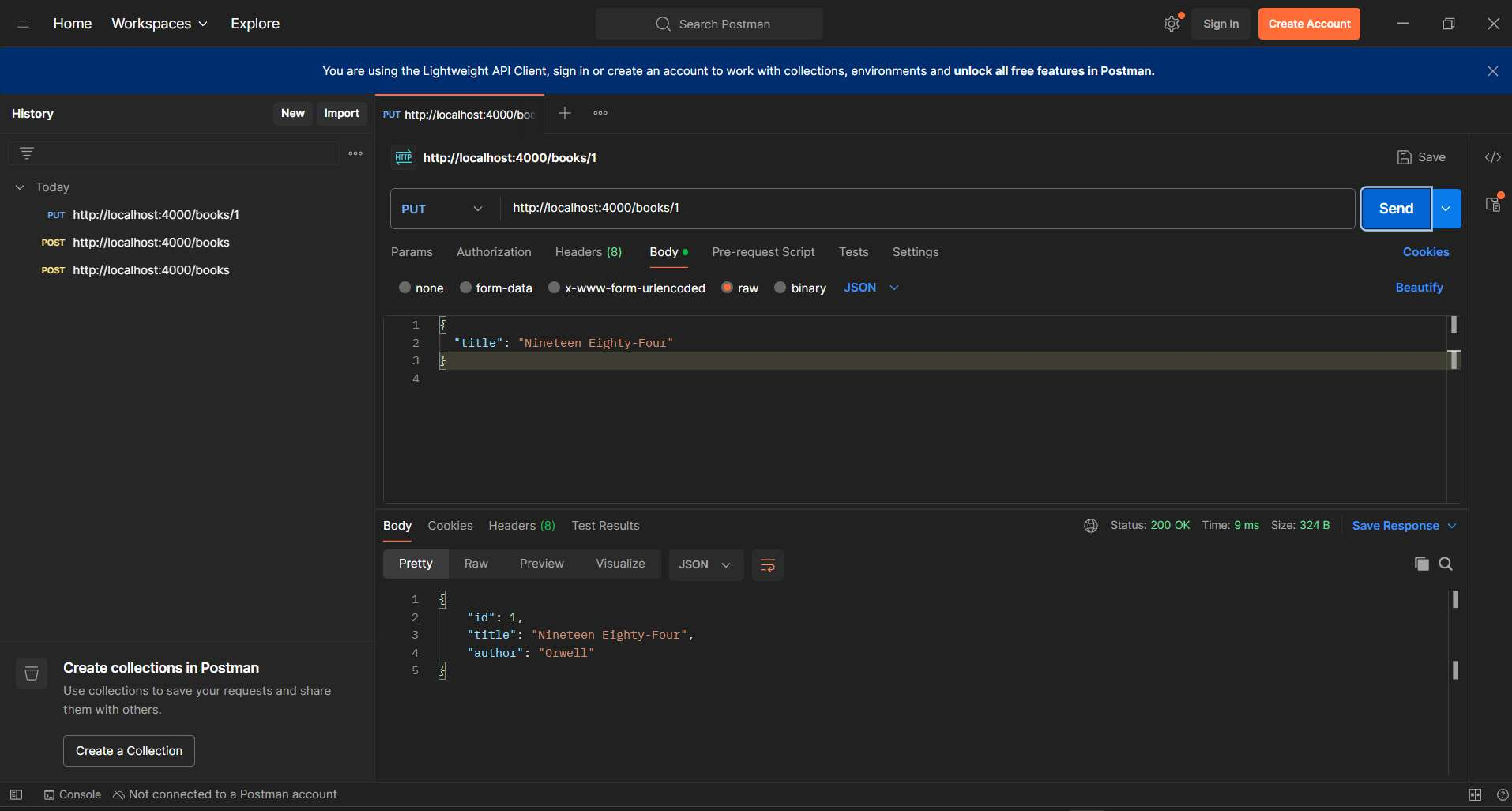
Body

Status: 201 Created Time: 25 ms Size: 316 B

```
{
    "id": 3,
    "title": "Sapiens",
    "author": "Harari"
}
```

Create collections in Postman

Use collections to save your requests and share them with others.


Home
Workspaces
Explore
Search Postman
Sign In
Create Account
You are using the Lightweight API Client, sign in or create an account to work with collections, environments and **unlock all free features in Postman.**
History
New
Import
Today
PUT http://localhost:4000/books/1
POST http://localhost:4000/books
POST http://localhost:4000/books
PUT http://localhost:4000/boo
Save
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
binary
Beautify
Body
Cookies
Headers (8)
Test Results
Save Response
Pretty
Raw
Preview
Visualize
Create collections in Postman
Use collections to save your requests and share them with others.
Create a Collection
Console
Not connected to a Postman account

http://localhost:4000/books/1

PUT http://localhost:4000/books/1

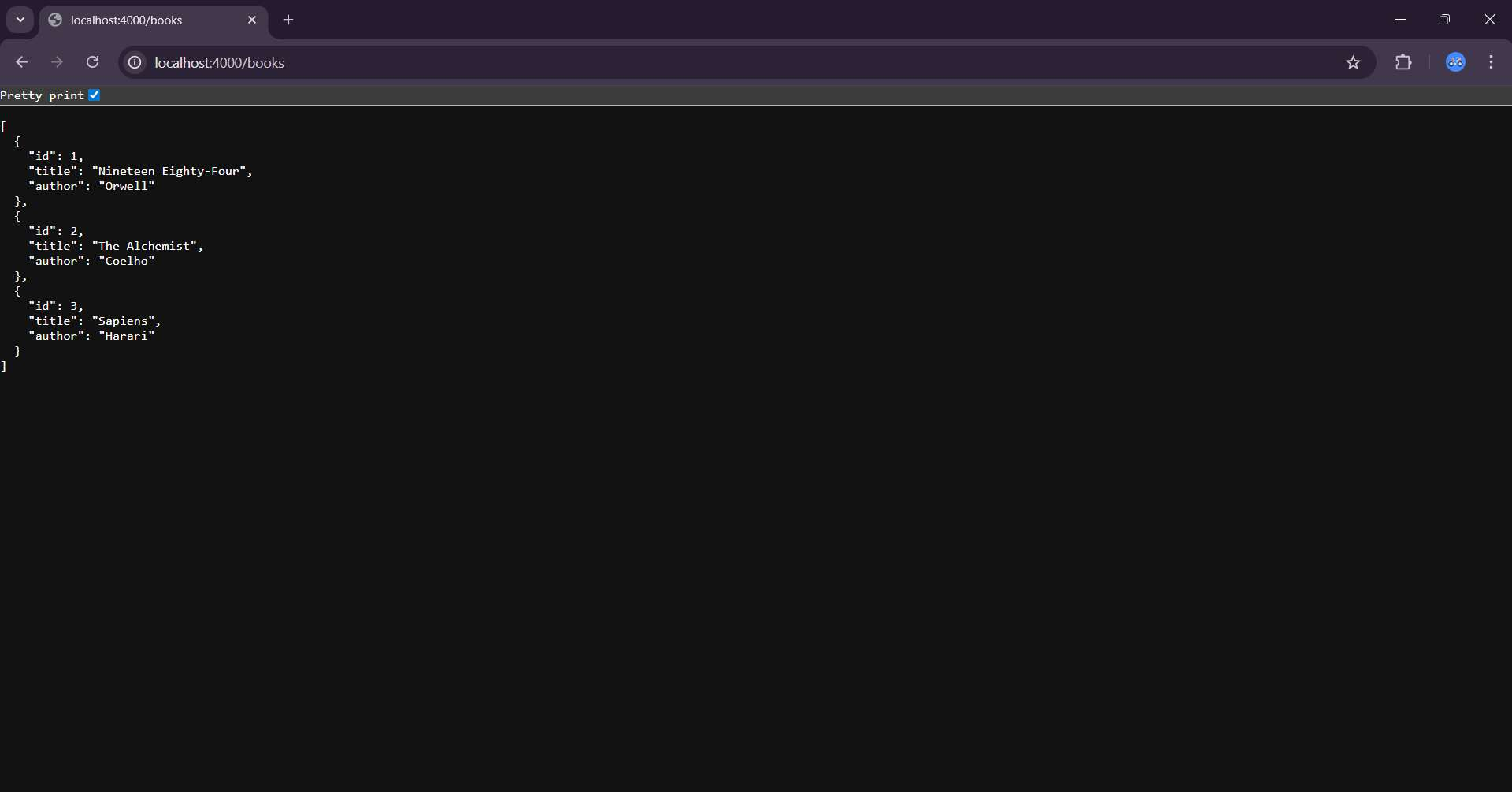
Body: ● raw JSON

```
{
  "title": "Nineteen Eighty-Four"
}

```

Status: 200 OK Time: 9 ms Size: 324 B

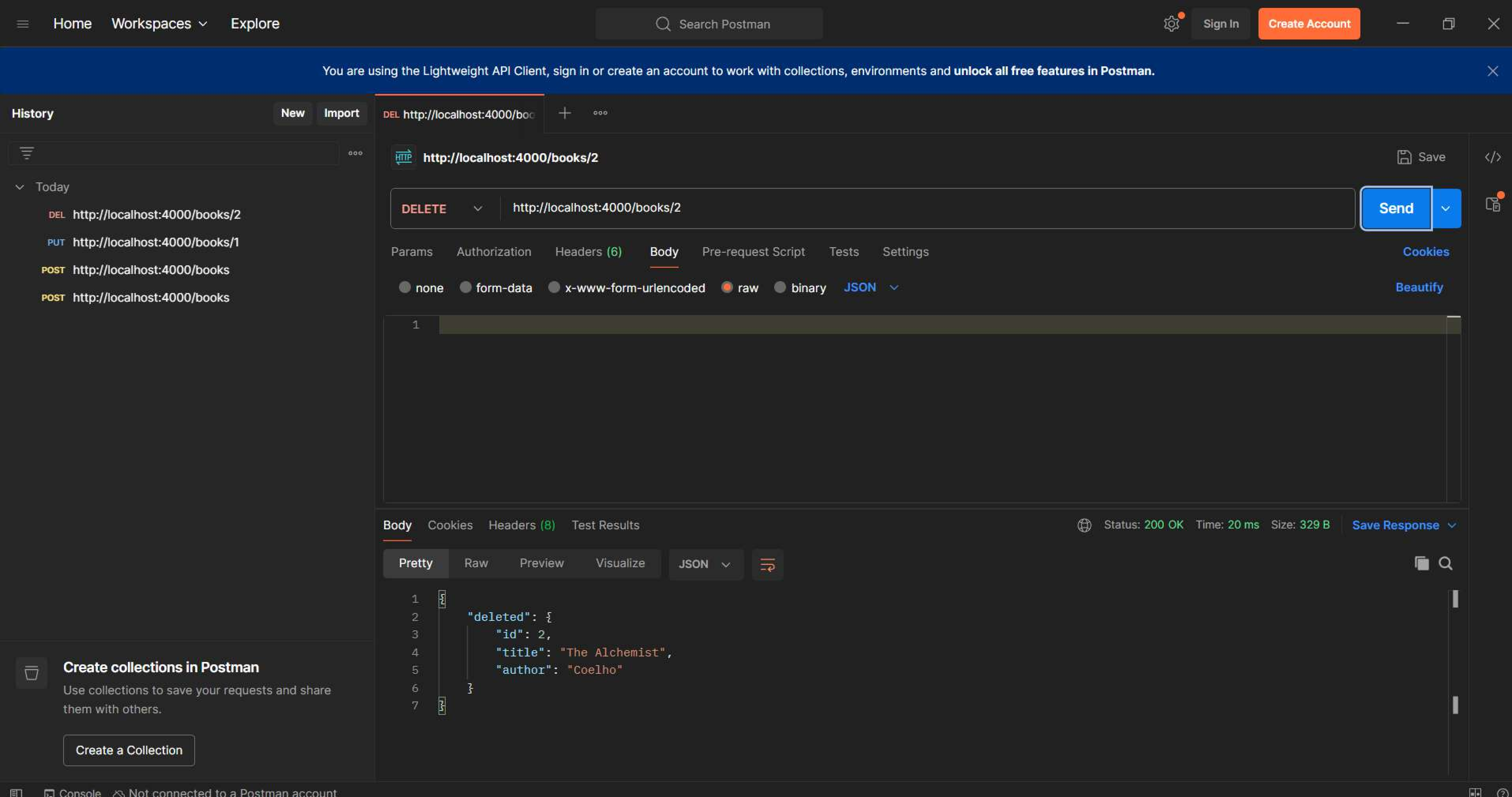
JSON

```
{
    "id": 1,
    "title": "Nineteen Eighty-Four",
    "author": "Orwell"
}
```



Pretty print ☑

```
[
  {
    "id": 1,
    "title": "Nineteen Eighty-Four",
    "author": "Orwell"
  },
  {
    "id": 2,
    "title": "The Alchemist",
    "author": "Coelho"
  },
  {
    "id": 3,
    "title": "Sapiens",
    "author": "Harari"
  }
]
```



You are using the Lightweight API Client, sign in or create an account to work with collections, environments and **unlock all free features in Postman.**

History – Today:

- DEL http://localhost:4000/books/2
- PUT http://localhost:4000/books/1
- POST http://localhost:4000/books
- POST http://localhost:4000/books

DEL http://localhost:4000/books/2

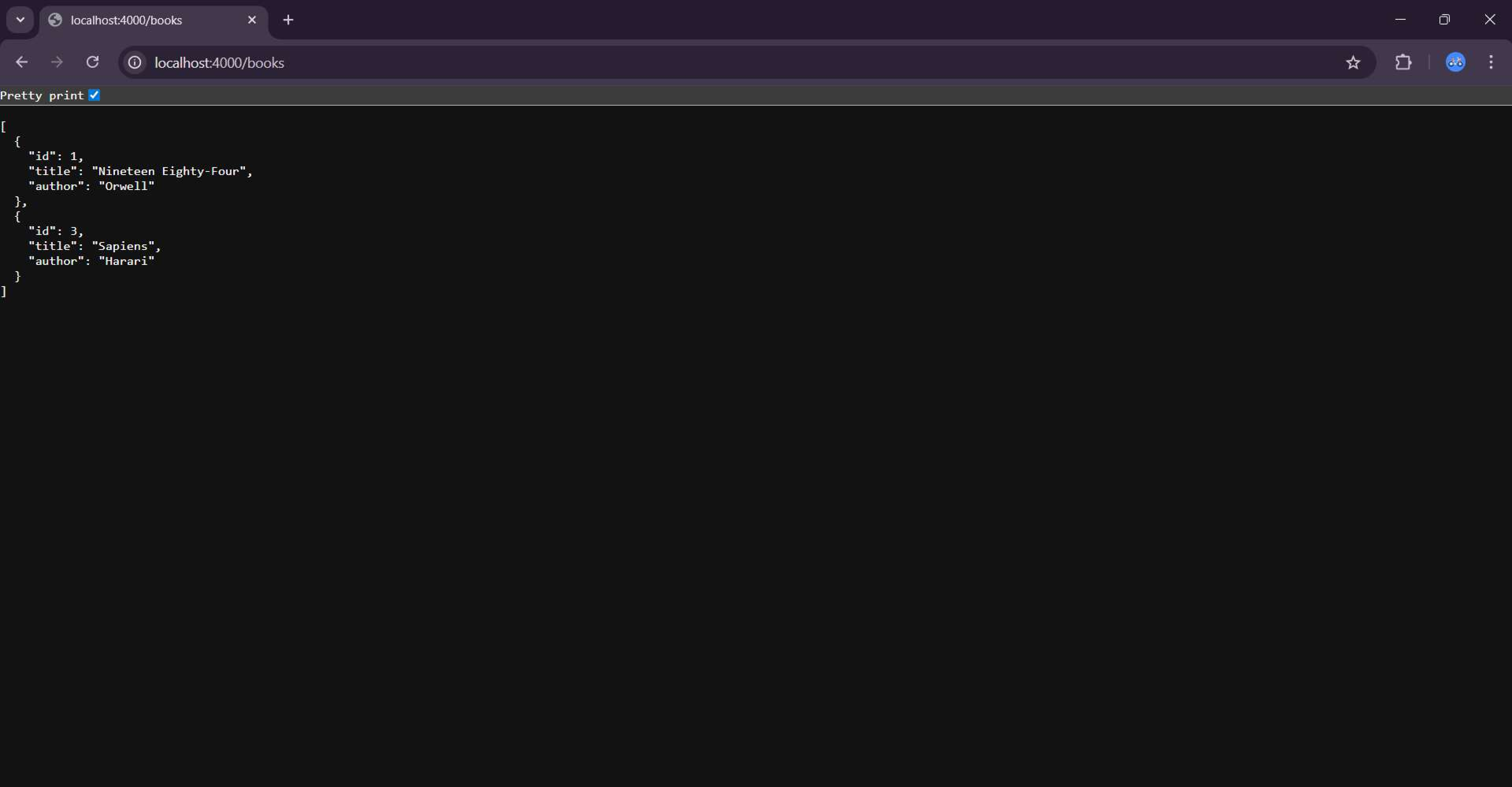
DELETE http://localhost:4000/books/2

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary JSON

Status: 200 OK Time: 20 ms Size: 329 B

Body – Pretty – JSON

```
{
    "deleted": {
        "id": 2,
        "title": "The Alchemist",
        "author": "Coelho"
    }
}
```



Pretty print ☑

```
[
  {
    "id": 1,
    "title": "Nineteen Eighty-Four",
    "author": "Orwell"
  },
  {
    "id": 3,
    "title": "Sapiens",
    "author": "Harari"
  }
]
```