Assignment -16

- **Listing all books**
  - **Empty books array (ERROR)**

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

```
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node server.js`
-------------------------------------------------
🚀 Server is running --> http://localhost:4677
-------------------------------------------------
📘 Fetching all book details...
-----------------------------------
⚠️No books found in the database.
-------------------------------------------------
▯
```

GET   ∨   http://localhost:4677/bookstall/getAllBooks   **Send** ∨

Params   Auth   Headers (6)   Body   Scripts   Settings   **Cookies**

Query Params

	Key	Value	Description	ᵒᵒᵒ Bulk Edit
	Key	Value	Description	

Body ∨   🕘   **200 OK** · 28 ms · 267 B · ⊕ | ᵒᵒᵒ

{} JSON ∨   ▷ Preview   🐙 Visualize ∨   ⇄ ⧉ 🔍 🔗

```json
1  {
2      "message": "No books available"
3  }
```

- Listing all books

```
[nodemon] restarting due to changes...
[nodemon] starting `node server.js`
----------------------------------------------
🚀 Server is running --> http://localhost:4677
----------------------------------------------
📚 Fetching all book details...
----------------------------------
✅ Retrieved 3 books successfully.
----------------------------------------------
```

http://localhost:4677/bookstall/getAllBooks   💾 Save ∨   Share

GET ∨   http://localhost:4677/bookstall/getAllBooks   Send ∨

Params Auth Headers (6) Body Scripts Settings   Cookies

Query Params

Key	Value	Description	ooo Bulk Edit
Key	Value	Description	

Body ∨ 🕘   200 OK • 25 ms • 458 B • ⊕ ooo

{} JSON ∨   ▷ Preview   ⚙ Visualize ∨

```json
1   [
2       {
3           "id": 1,
4           "title": "The Great Gatsby",
5           "author": "F. Scott Fitzgerald",
6           "price": 1925
7       },
8       {
9           "id": 2,
10          "title": "1984",
11          "author": "George Orwell",
12          "price": 1949
13      },
14      {
15          "id": 3,
16          "title": "To Killprice Mockingbird",
17          "author": "Harper Lee",
18          "price": 1960
19      }
20  ]
```

- **Add book**
  - **Add book successful**


```
[nodemon] starting `node
                          Follow link (ctrl + click)
----------------------------------------
🚀 Server is running --> http://localhost:4677
----------------------------------------
🔍 Validating book data...
✅ Validation successful. Proceeding to next Controller...
📚 Attempting to add a new book...
----------------------------------------
✅ Book added successfully: "Brave New World" by Jamse Hendry (Price: $6099)
----------------------------------------
```


HTTP http://localhost:4677/bookstall/addbook   💾 Save ∨   Share

POST ∨   http://localhost:4677/bookstall/addbook   Send ∨

Params   Auth   Headers (8)   **Body** •   Scripts   Settings   **Cookies**

raw ∨   JSON ∨   **Beautify**
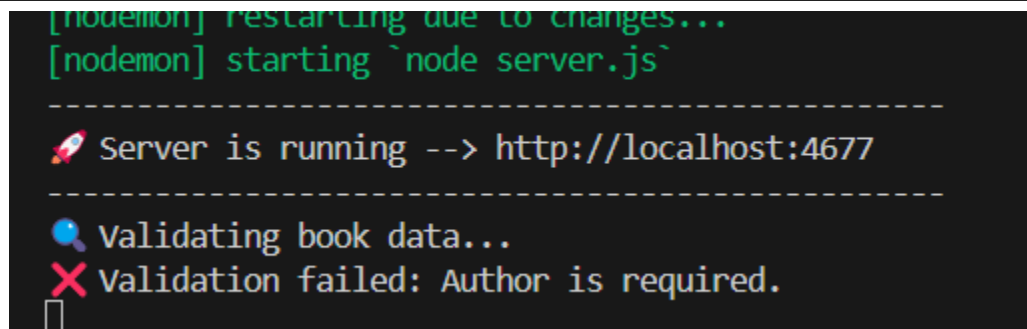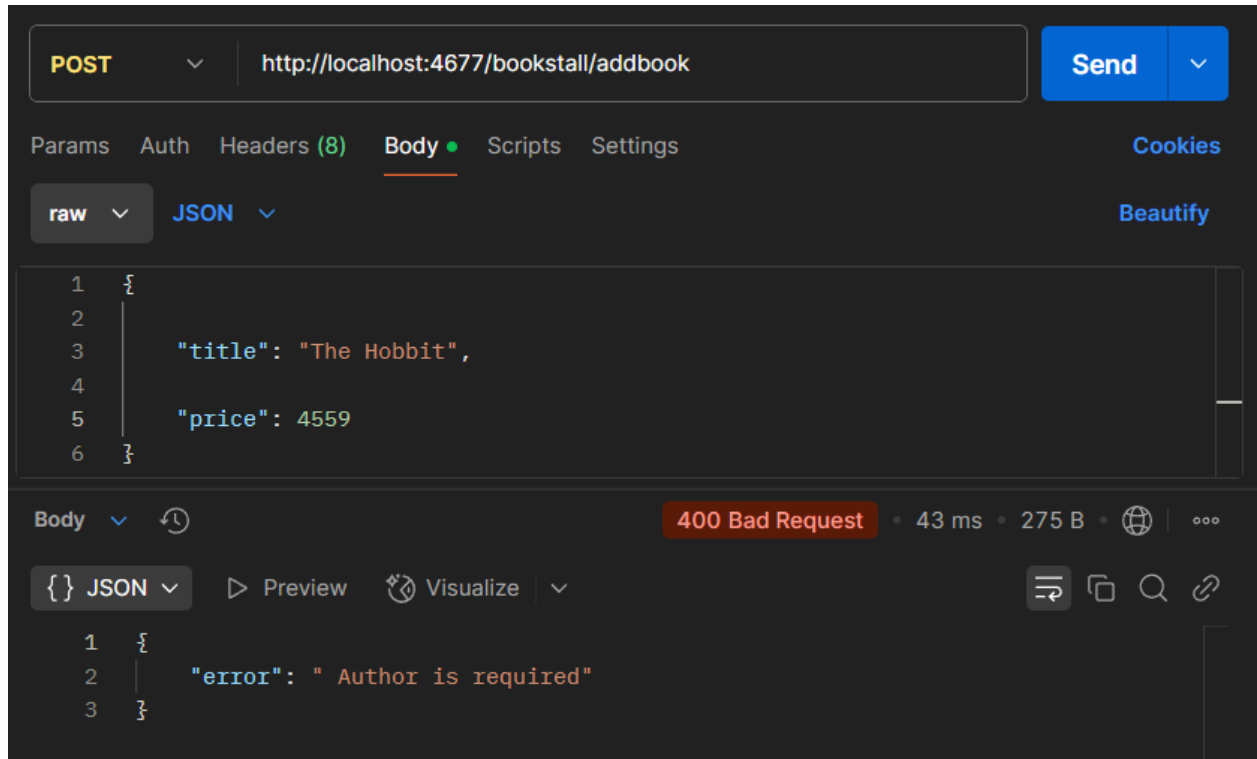
```
1  {
2      "id":4,
3      "title": "Brave New World",
4      "author": "Jamse Hendry",
5      "price": 6099
6  }
```

Body ∨ ⟲   201 Created • 77 ms • 304 B • ⊕ | ○○○
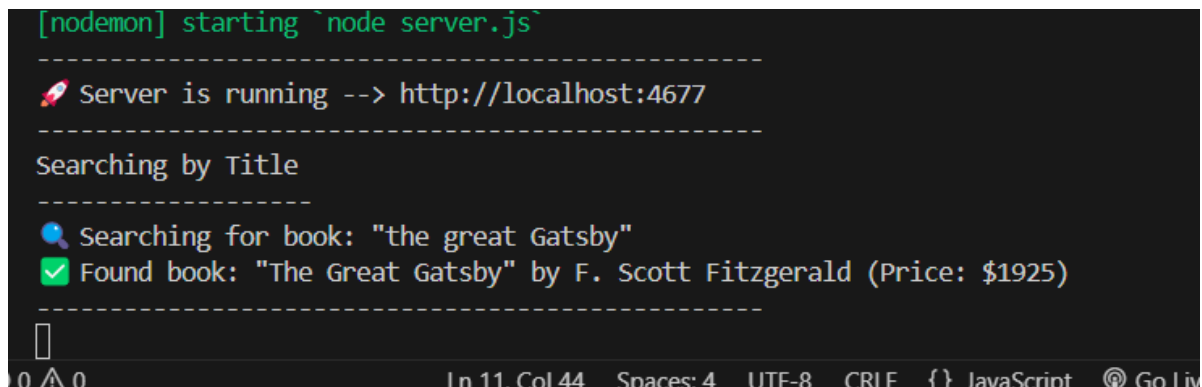
{} JSON ∨   ▷ Preview   Visualize | ∨   ⇥ ⧉ Q ⊘

```
1  {
2      "title": "Brave New World",
3      "author": "Jamse Hendry",
4      "price": 6099
5  }
```

- **All fields are required (ERROR)**

- **Search Book By Title**
  - **If found**

HTTP http://localhost:4677/bookstall/getBookByTile/the great Gatsby   💾 Save ∨   Share

GET ∨   http://localhost:4677/bookstall/getBookByTile/the great Gatsby   **Send** ∨

Params   Auth   Headers (6)   Body   Scripts   Settings   Cookies

Query Params

	Key	Value	Description	∘∘∘ Bulk Edit
	Key	Value	Description	

Body ∨ 🕘   **200 OK** • 23 ms • 314 B • 🌐 | ∘∘∘

{} JSON ∨   ▷ Preview   ✨ Visualize | ∨   ⇥ ⬚ 🔍 🔗

```
1  {
2      "id": 1,
3      "title": "The Great Gatsby",
4      "author": "F. Scott Fitzgerald",
5      "price": 1925
6  }
```

- **If not find (ERROR)**

GET ∨   http://localhost:4677/bookstall/getBookByTile/the grate war   **Send** ∨

Params   Auth   Headers (6)   Body   Scripts   Settings   Cookies

Query Params

	Key	Value	Description	∘∘∘ Bulk Edit
	Key	Value	Description	

Body ∨ 🕘   **404 Not Found** • 28 ms • 268 B • 🌐 | ∘∘∘

{} JSON ∨   ▷ Preview   ✨ Visualize | ∨   ⇥ ⬚ 🔍 🔗

```
1  {
2      "error": "Book not found"
3  }
```

```
[nodemon] starting `node server.js`
------------------------------------------------------
🚀 Server is running --> http://localhost:4677
------------------------------------------------------
Searching by Title
------------------
🔍 Searching for book: "the grate war"
❌ Book not found: "the grate war"
```

- **DELETE book by title**
  - **If found**

```
DELETE    ∨    http://localhost:4677/bookstall/deleteBookByTitle/The Great Gatsby    Send    ∨

Params   Auth   Headers (6)   Body   Scripts   Settings                                    Cookies

Query Params

| Key   | Value | Description  | ∘∘∘  Bulk Edit |
|-------|-------|--------------|----------------|
| Key   | Value | Description  |                |

Body  ∨  🕐                                      200 OK  ·  22 ms  ·  447 B  ·  🌐  |  ∘∘∘

{} JSON ∨    ▷ Preview    ✨ Visualize  ∨

 1   {
 2       "message": "Book \"The Great Gatsby\" deleted successfully",
 3       "books": [
 4           {
 5               "id": 2,
 6               "title": "1984",
 7               "author": "George Orwell",
 8               "price": 1949
 9           },
10           {
11               "id": 3,
12               "title": "To Killprice Mockingbird",
13               "author": "Harper Lee",
14               "price": 1960
15           }
16       ]
17   }
```

```
[nodemon] starting `node server.js`
---------------------------------------------------
🚀 Server is running --> http://localhost:4677
---------------------------------------------------
🗑Delete request received...
---------------------------------
🔍 Searching for book: "The Great Gatsby"
✅ Book found: "The Great Gatsby" --> Preparing to delete...
✅ Book "The Great Gatsby" deleted successfully.
---------------------------------------------------
```

- **If not find**

```
DELETE    ⌄    http://localhost:4677/bookstall/deleteBookByTitle/The Great War    Send    ⌄

Params    Auth    Headers (6)    Body    Scripts    Settings                              Cookies

Query Params

         Key                          Value                       Description    ⚬⚬⚬  Bulk Edit

         Key                          Value                       Description

Body  ⌄  🕓                                      404 Not Found  •  8 ms  •  286 B  •  ⊕  | ⚬⚬⚬

{ } JSON ⌄   ▷ Preview   🌀 Visualize  ⌄

  1  {
  2      "error": "Book \"The Great War\" not found"
  3  }
```

```
rs
[nodemon] starting `node server.js`
---------------------------------------------------
🚀 Server is running --> http://localhost:4677
---------------------------------------------------
🗑Delete request received...
---------------------------------
🔍 Searching for book: "The Great War"
❌ Book not found: "The Great War"
---------------------------------
```