

CW DAY-7

App.js

```
import { Axios } from 'axios'
import Post from './components/Acesspost/Post'
import AxiosPost from './components/Acesspost/Post'

const App = () =>
{
  return (
    <>
      {
        <AxiosPost/>
      }
    </>
  )
}

export default App
```

Get.js

```
import axios from 'axios'
import React, { useEffect,useState } from 'react'

const AxiosGet = () => {
  const [books,setBooks]=useState([]);
  useEffect(()=>{
    const fetchData=async()=>{
      try{
        const response=await axios.get("http://localhost:8080/book")
        console.log(response.data)
        setBooks(response.data);
      }
      catch(error){
        console.log(error)
      }
    };
    fetchData();
  },[]);
  return (
    <div>
      <table>
        <thead>
          <tr>
            <th>Id</th>
            <th>Book title</th>
            <th>Author name</th>
          </tr>
        </thead>
      </table>
    </div>
  )
}
```

```

        </tr>
      </thead>
      <tbody>
        {books.map((book)=>(
          <tr key={book.id}>
            <td>{book.id}</td>
            <td>{book.title}</td>
            <td>{book.author}</td>
          </tr>
        ))}
      </tbody>
    </table>

  </div>
)
}

export default AxiosGet

```

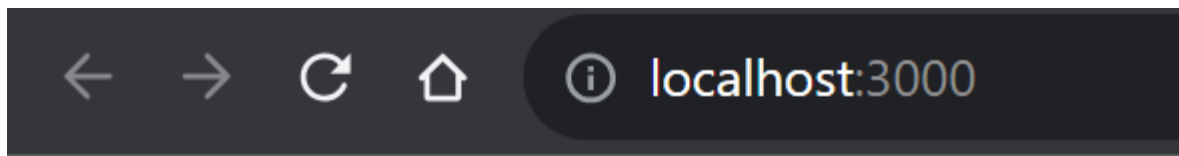
DB.json

```

{
  "book": [
    {
      "id": 1,
      "title": "json-server",
      "author": "typicode"
    },
    {
      "id": "2",
      "title": "book of thor",
      "author": "king"
    }
  ]
}

```

Output



| Id | Book title | Author name |
|----|------------|-------------|
|----|------------|-------------|

|   |             |          |
|---|-------------|----------|
| 1 | json-server | typicode |
|---|-------------|----------|

|   |              |      |
|---|--------------|------|
| 2 | book of thor | king |
|---|--------------|------|

---

POST METHOD

```
import axios from 'axios';
import React, { useRef } from 'react'

const AxiosPost = () => {
  const bookIdRef = useRef("");
  const bookTitleRef = useRef(null);
  const bookAuthorRef = useRef(null);
  const handlePost = async () => {
    const data = {
      id: bookIdRef.current.value,
      title: bookTitleRef.current.value,
      author: bookAuthorRef.current.value
    };

    try {
      const response = await axios.post("http://localhost:8080/book",
data);
      console.log(response)
    } catch (error) {
      console.log(error)
    }
  }

  return (
```

```

    <div>
      <input type='text' ref={bookIdRef} />
      <input type='text' ref={bookTitleRef} />
      <input type='text' ref={bookAuthorRef} />
      <button onClick={handlePost}>Post</button>
    </div>
  )
}

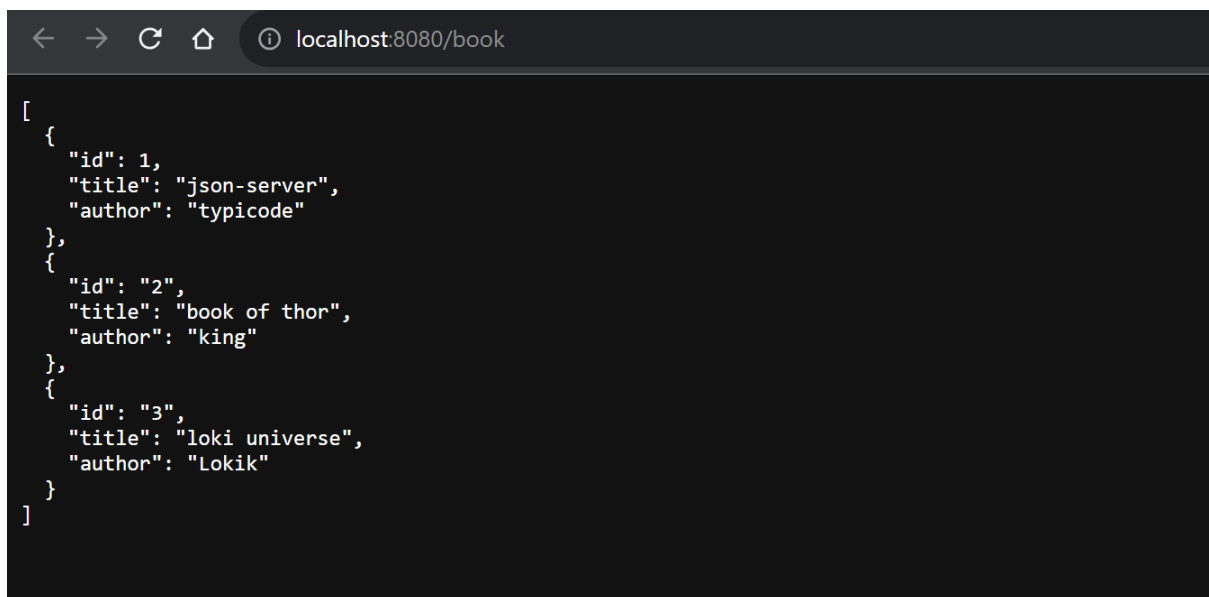
export default AxiosPost

```

## OUTPUT



A screenshot of a web browser window at localhost:3000. The browser's address bar shows 'localhost:3000'. Below the address bar, there is a form with three input fields and a button. The first input field contains the number '3'. The second input field contains the text 'loki universe'. The third input field contains the text 'Lokik'. To the right of these fields is a button labeled 'Post'.



A screenshot of a web browser window at localhost:8080/book. The browser's address bar shows 'localhost:8080/book'. The main content area of the browser displays a JSON array of three book objects. The first object has an id of 1, title 'json-server', and author 'typicode'. The second object has an id of 2, title 'book of thor', and author 'king'. The third object has an id of 3, title 'loki universe', and author 'Lokik'.

```

[
  {
    "id": 1,
    "title": "json-server",
    "author": "typicode"
  },
  {
    "id": "2",
    "title": "book of thor",
    "author": "king"
  },
  {
    "id": "3",
    "title": "loki universe",
    "author": "Lokik"
  }
]

```

## Delete

```
import React, { useState } from 'react';
import axios from 'axios';

const AxiosDelete = () => {
  const [bookId, setBookId] = useState("");
  const [message, setMessage] = useState("");

  const handleDelete = async () => {
    try {
      const response = await
axios.delete(`http://localhost:8080/book/${bookId}`);
      setMessage(`Book with ID ${bookId} deleted successfully`);
    } catch (error) {
      setMessage(`Error deleting book with ID ${bookId}`);
    }
  };

  return (
    <div>
      <h2>Delete Books</h2>
      <label>
        Enter Book ID to Delete:
        <input
          type='text'
          value={bookId}
          onChange={(e) => setBookId(e.target.value)}
        />
      </label>
      <button onClick={handleDelete}>Delete Book</button>
      {message && <p>{message}</p>}
    </div>
  );
};

export default AxiosDelete;
```

## OUTPUT

# Delete Books

Enter Book ID to Delete:  Delete Book

Book with ID 2 deleted successfully

```
← → ↻ 🏠 ⓘ localhost:8080/book

[
  {
    "id": 1,
    "title": "json-server",
    "author": "typicode"
  },
  {
    "id": "3",
    "title": "loki universe",
    "author": "Lokik"
  }
]
```