CW DAY-7

App.js

```jsx
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

```jsx
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>
              <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
```
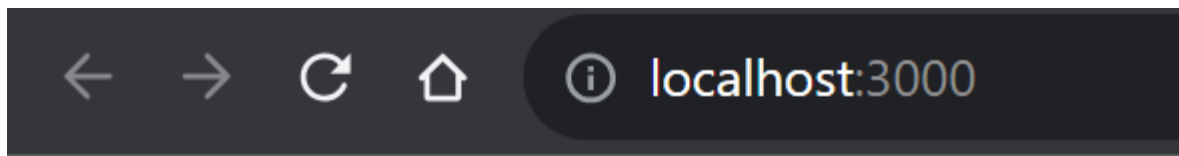
DB.json

```
{
  "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

```javascript
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
```
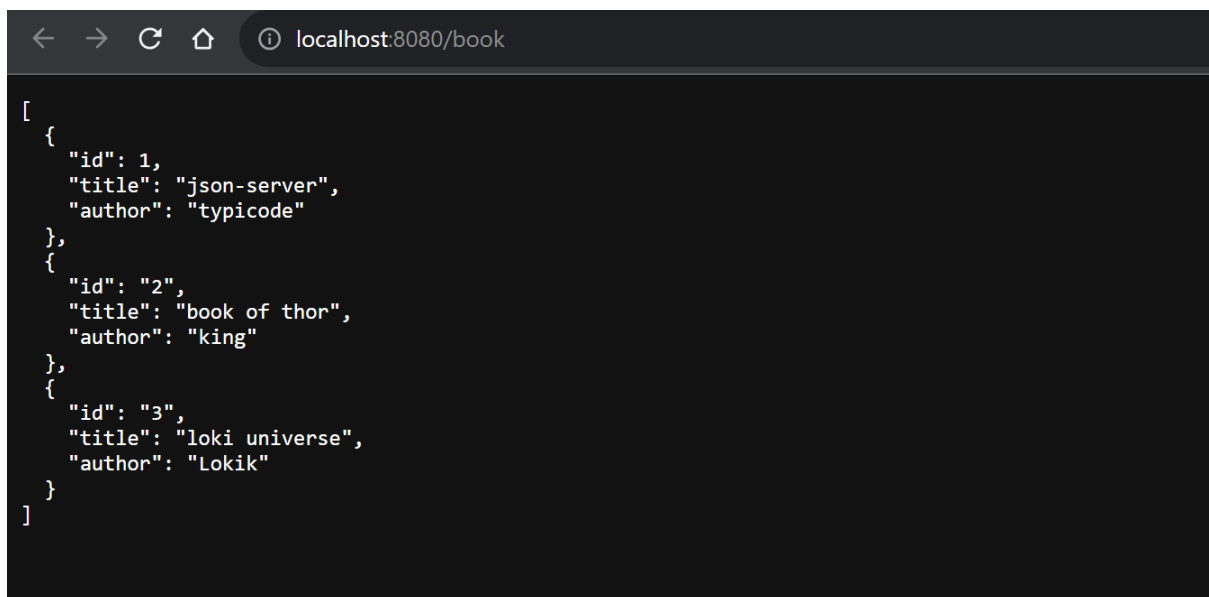
OUTPUT

localhost:3000

| 3 | loki universe | Lokik | Post |

---

localhost:8080/book

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

Delete

```jsx
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: 2   Delete Book

Book with ID 2 deleted successfully

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