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**ROLL NO:24**

**BATCH : B2**

**COURSE: AWT PRACTICAL**

**Assignment No:-4**

**CODE :**

const express = require('express');

const app = express();

const PORT = 3000;

app.use(express.json());

let books = [

 { id: 1, title: 'Book 1', author: 'Author 1' },

 { id: 2, title: 'Book 2', author: 'Author 2' },

 { id: 3, title: 'Book 3', author: 'Author 3' },

];

app.get('/books', (req, res) => {

 res.json(books);

});

app.post('/books', (req, res) => {

 const { title, author } = req.body;

 const id = books.length + 1;

 const newBook = { id, title, author };

 books.push(newBook);

 res.status(201).json(newBook);

});

app.put('/books/:id', (req, res) => {

 const { id } = req.params;

 const { title, author } = req.body;

 const book = books.find((b) => b.id === parseInt(id));

 if (!book) {

 return res.status(404).send('Book not found');

 }

 book.title = title;

 book.author = author;

 res.json(book);

});

app.delete('/books/:id', (req, res) => {

 const { id } = req.params;

 books = books.filter((b) => b.id !== parseInt(id));

 res.sendStatus(204);

});

app.listen(PORT, () => {

 console.log(`Server is running on port ${PORT}`);

});

**OUTPUT :**

