**❓ Answer ❓**

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1️⃣ you are asked to prepare a database for a book shop, the owner wants a database to store information which includes book title, book genre, author name, and year of publication. Create a database for the owner to insert the following information.

**Ans:**

**// modular approach**

import express from 'express';

const app = express()

// middle ware

app.use(express.json())

app.use(express.urlencoded({extended:true}))

// in order to create and insert a full info using "/bookstore" route

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

   const AuthorTable = `CREATE TABLE if not exists BookStore(

        author\_id int auto\_increment,

        author\_name varchar(255) not null,

        author\_location varchar(255) not null,

        PRIMARY KEY (author\_id)

       )`

    myConnection.query(AuthorTable, (err, results, fields) => {

      if (err) {

        console.log(err);}

      else{

          console.log("Author Table created successfully ");

      }

    });

})

// insert data

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

    const { book\_title, book\_genre, author\_name, year\_of\_publication } = req.body;

    myConnection.query(

        `insert into Authors (author\_name, author\_location) value ('${book\_title}', '${book\_genre}','${author\_name}','${year\_of\_publication}') `,

        (err, row, fields) => {

          if (err) {

            console.log(err);

          } else {

            console.log("information inserted successfully");

          }

        }

      );

})

// listener

app.listen(4444, console.log('server running on port 4444'))