w16-p1: create book_98 in postgreSQL server, enter two data


```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-06-23"
7120ec9 ray0630 Fri Jun 24 16:20:23 2022 +0800  w16-p1: create book_98 in postgreSQL server, enter two data
```

w16-p2: get all data from table book_xx

```javascript
const { json } = require('express');
var express = require('express');
var router = express.Router();

const db = require('../utils/database');

/* GET home page. */
router.get('/', async (req, res, next) => {
    try{
        const results = await db.query('SELECT * FROM book_
        console.log('results',JSON.stringify(results.rows))
        res.render('book_98/index', {
            data: results.rows,
            id: '409410098',
            name: '林品睿'
        });
    }catch(err){
        console.log('err',error);
    }
});

module.exports = router;
```

```
[nodemon] starting `node ./bin/www`
[nodemon] restarting due to changes...
[nodemon] starting `node ./bin/www`
[nodemon] restarting due to changes...
[nodemon] starting `node ./bin/www`
[nodemon] restarting due to changes...
[nodemon] starting `node ./bin/www`
[nodemon] restarting due to changes...
[nodemon] starting `node ./bin/www`
[nodemon] starting `node ./bin/www`
results [{"id":1,"name":"JavaScript Primers","author":"Brad Traversy"
GET /book_98 304 116.079 ms - -
```

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-06-23"
bcc269c ray0630 Fri Jun 24 16:31:16 2022 +0800  w16-p2: get all data from table book_98
7120ec9 ray0630 Fri Jun 24 16:20:23 2022 +0800  w16-p1: create book_98 in postgreSQL server, enter two data
```

w16-p3: /book_xx/create to book_xx/add_xx.ejs

```
routes > JS book_98.js > ...
1   const { json } = require('express');
2   var express = require('express');
3   var router = express.Router();
4
5   const db = require('../utils/database');
6
7   /* GET home page. */
8 > router.get('/', async (req, res, next) => {...
20  });
21
22   ☝ creat
23   router.get('/create', async (req, res) => {
24       res.render('book_98/add_98', {
25           id: '409410098',
26           name: '林品睿',
27       });
28   });
29
30   module.exports = router;
31
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

[nodemon] restarting due to changes...
[nodemon] starting `node ./bin/www`
GET /book_98/add_98 404 15.364 ms - 1546
GET /books_98/create 404 4.501 ms - 1546
GET /books_98/create 404 2.996 ms - 1546
GET /books_98/create 404 2.781 ms - 1546
GET /books_98/create 404 2.199 ms - 1546
GET /books_98/create 404 1.845 ms - 1546
GET /book_98/create 200 2.760 ms - 1517
GET /book_98 200 142.239 ms - 2719
GET /book_98/create 304 3.637 ms - - -
```

Add Book — localhost:3000/book_98/create

409410098 林品睿

Add Book

Id:

Name:

Author:

Add

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-06-23"
9c6df69 ray0630 Fri Jun 24 17:09:51 2022 +0800  w16-p3: /book_xx/create to book_xx/add_xx.ejs
bcc269c ray0630 Fri Jun 24 16:31:16 2022 +0800  w16-p2: get all data from table book_98
7120ec9 ray0630 Fri Jun 24 16:20:23 2022 +0800  w16-p1: create book_98 in postgreSQL server, enter two data
```
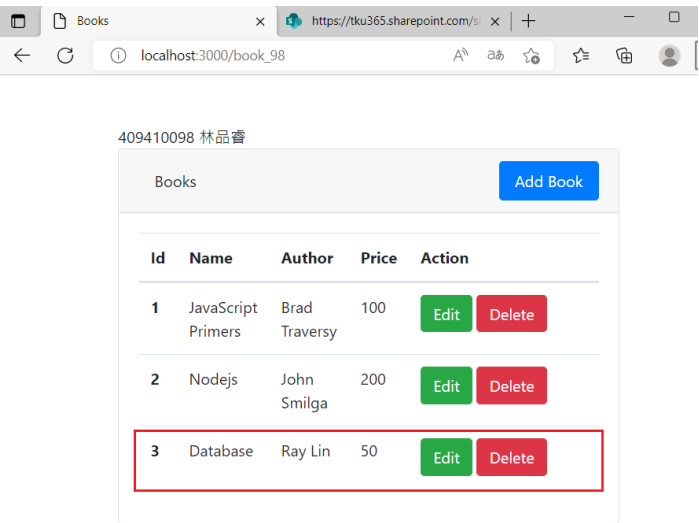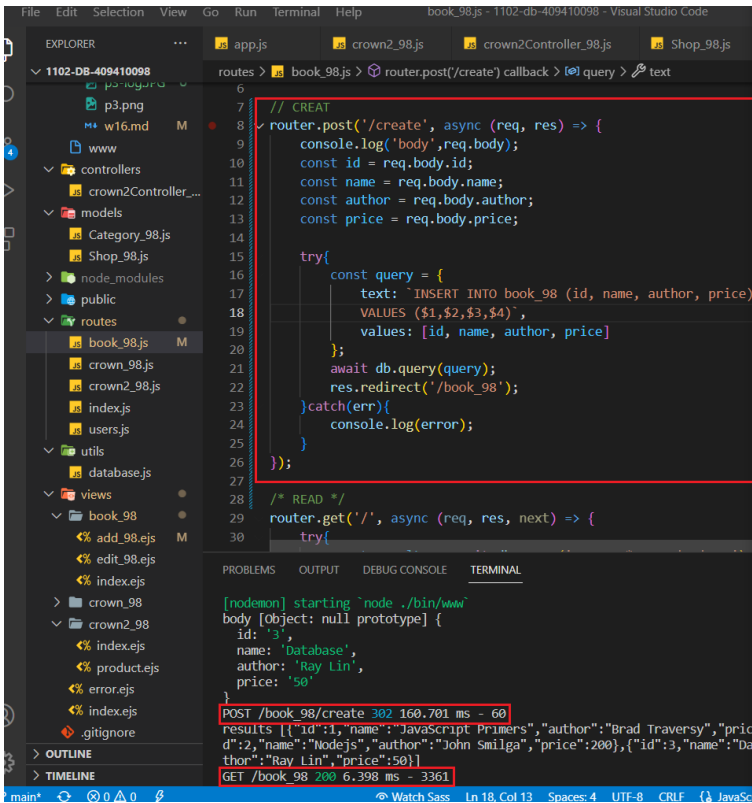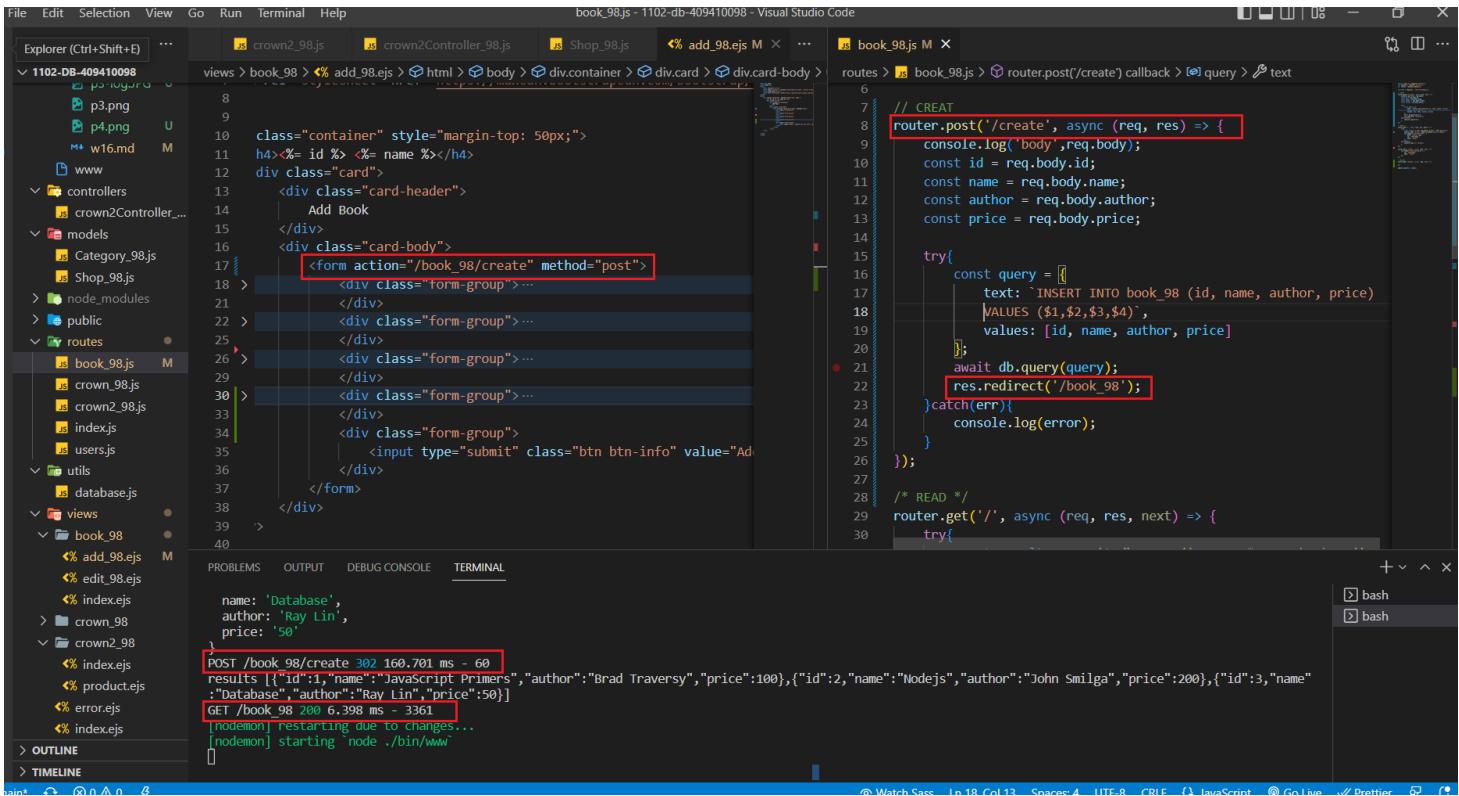
w16-p4: POST /book_xx/create to create a book data

```
// CREAT
router.post('/create', async (req, res) => {
    console.log('body',req.body);
    const id = req.body.id;
    const name = req.body.name;
    const author = req.body.author;
    const price = req.body.price;

    try{
        const query = {
            text: `INSERT INTO book_98 (id, name, author, price)
            VALUES ($1,$2,$3,$4)`,
            values: [id, name, author, price]
        };
        await db.query(query);
        res.redirect('/book_98');
    }catch(err){
        console.log(error);
    }
});

/* READ */
router.get('/', async (req, res, next) => {
    try{
```

```
body [Object: null prototype] {
  id: '3',
  name: 'Database',
  author: 'Ray Lin',
  price: '50'
}
POST /book_98/create 302 160.701 ms - 60
results [{"id":1,"name":"JavaScript Primers","author":"Brad Traversy","price":100},{"id":2,"name":"Nodejs","author":"John Smilga","price":200},{"id":3,"name":"Database","author":"Ray Lin","price":50}]
GET /book_98 200 6.398 ms - 3361
```

localhost:3000/book_98

409410098 林品睿

Books   Add Book

Id	Name	Author	Price	Action
1	JavaScript Primers	Brad Traversy	100	Edit Delete
2	Nodejs	John Smilga	200	Edit Delete
3	Database	Ray Lin	50	Edit Delete

w16-LAST-log

```
ray20@LAPTOP-671F1OP7 MINGW64 ~/OneDrive/桌面/淡江大學/大二/110-2/資料庫/1102-db-409410098 (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-06-23"
90b0d8b ray0630 Sat Jun 25 03:48:32 2022 +0800  w16-p4: POST /book_xx/create to create a book data
9c6df69 ray0630 Fri Jun 24 17:09:51 2022 +0800  w16-p3: /book_xx/create to book_xx/add_xx.ejs
bcc269c ray0630 Fri Jun 24 16:31:16 2022 +0800  w16-p2: get all data from table book_98
7120ec9 ray0630 Fri Jun 24 16:20:23 2022 +0800  w16-p1: create book_98 in postgreSQL server, enter two data
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$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-06-23"

90b0d8b ray0630 Sat Jun 25 03:48:32 2022 +0800 w16-p4: POST /book_xx/create to create a book data

9c6df69 ray0630 Fri Jun 24 17:09:51 2022 +0800 w16-p3: /book_xx/create to book_xx/add_xx.ejs

bcc269c ray0630 Fri Jun 24 16:31:16 2022 +0800 w16-p2: get all data from table book_98

7120ec9 ray0630 Fri Jun 24 16:20:23 2022 +0800 w16-p1: create book_98 in postgreSQL server, enter two data