

## My Github URL

## W12-P1: Insert a blog using local json array

The screenshot shows two windows. On the left is VS Code with a JavaScript file named `server_xcjs`. The code defines an Express.js application with several routes. A red box highlights the `app.post('/api/blogs', (req, res) => { ... })` function, which takes a request body with `id`, `img`, `remote_url`, `category`, `title`, and `desc`, and pushes it to a `blogList_xx` array. The terminal at the bottom shows a successful POST request to `/api/blogs` with a 200 status code and a response time of 1.706 ms.

On the right is the Postman application. The 'POST add a blog' tab is active. The URL is `http://localhost:5000/api/blogs`. The 'Body' tab is selected with the format set to 'JSON'. The JSON body is: 

```
{  "id": "20",  "img": "/images/my-1.jpg",  "remote_img": "",  "category": "travel",  "title": "林泓君 207410290",  "desc": "Mid2-exam"}
```

The screenshot shows the same VS Code window as before, but the terminal now shows a successful GET request to `/api/blogs` with a 200 status code and a response time of 0.719 ms. The code for the `app.get('/api/blogs', (req, res) => { res.json(blogList_xx); })` route is visible.

On the right, the Postman application shows the 'GET get blogs' tab. The URL is `http://localhost:5000/api/blogs`. The 'Body' tab is selected with the format set to 'JSON'. The JSON response is: 

```
{  "blog": {    "id": "20",    "img": "/images/my-1.jpg",    "category": "travel",    "title": "林泓君 207410290",    "desc": "Mid2-exam"  }}
```

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%" --after="2024-05-07"
ff1592a Sky001  Wed May 8 19:45:04 2024 +0800    W12-P1: Insert a blog using local
```

json array

### ### W12-P2: Update a blog with id =20

The screenshot displays the development environment for W12-P2. On the left, the VS Code editor shows the `server.js` file with the following code:

```
server_90 > JS server_xcjs x Mid2NodeBlogLocalXcjsx
server_90 > JS server_xcjs x app.post('/api/blogs') callback
32 app.post('/api/blogs/loadAll', (req, res) => {
33   bloglist_xx = blogs_xx;
34   console.log('bloglist_xx', JSON.stringify(bloglist_xx));
35   res.json({ msg: 'load all blogs' });
36 });
37
38 app.post('/api/blogs', (req, res) => {
39   const { id, img, remote_url, category, title, desc } = req.body;
40   console.log('title', title);
41   const newBlog = { id, img, remote_url, category, title, desc };
42   bloglist_xx = [...bloglist_xx, newBlog];
43   res.json({ blog: newBlog });
44 });
45
46 app.patch('/api/blogs/:id', (req, res) => {
47   const { id } = req.params;
48   const { img, remote_url, category, title, desc } = req.body;
49   bloglist_xx = bloglist_xx.map(item => {
50     if (item.id === id) {
51       return { id, img, remote_url, category, title, desc };
52     }
53     return item;
54   });
55   console.log('bloglist_xx', JSON.stringify(bloglist_xx));
56   res.json({ msg: 'clear all blogs' });
57 });
58
59 app.delete('/api/blogs/clearAll', (req, res) => {
```

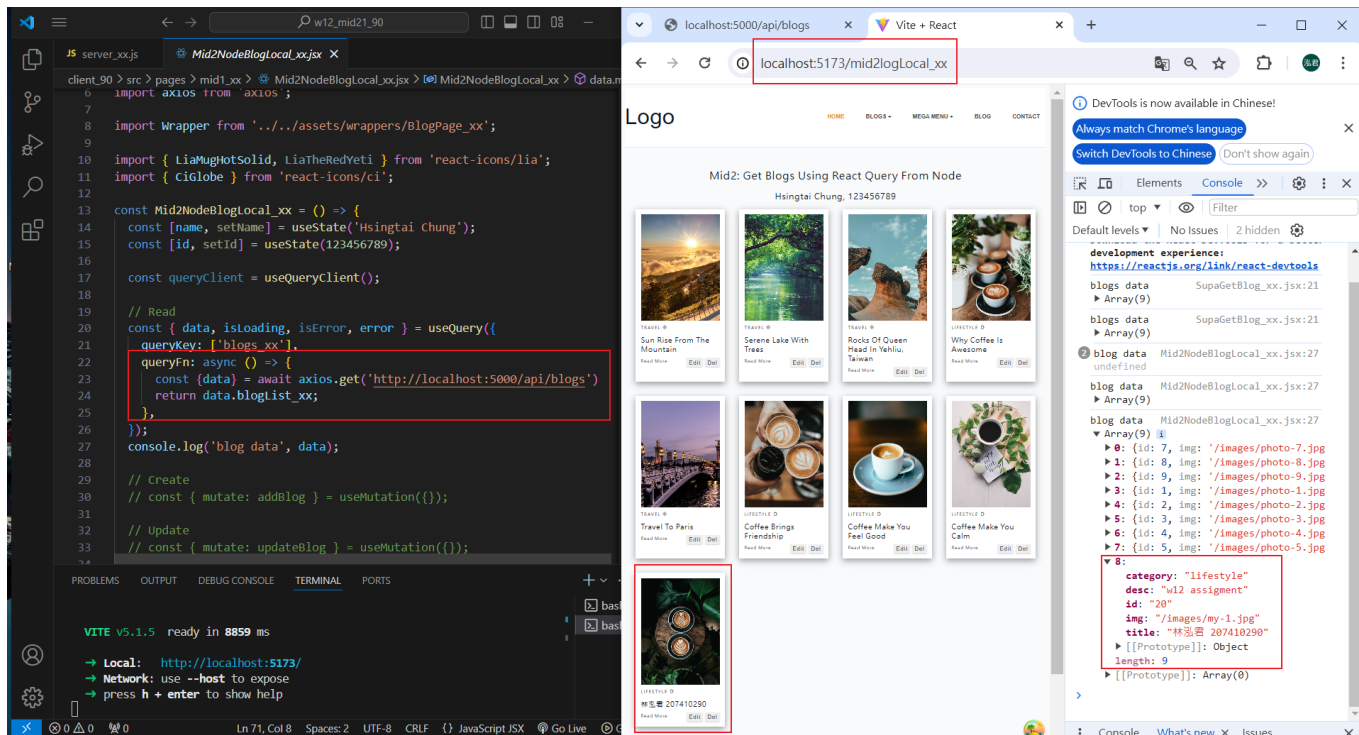
On the right, the Postman interface shows a PATCH request to `http://localhost:5000/api/blogs/20`. The request body is a JSON object:

```
{
  "img": "/images/my-1.jpg",
  "remote_img": "",
  "category": "lifestyle",
  "title": "林泓君 202410290",
  "desc": "w12 assignment"
}
```

The response is a 200 OK status with a response time of 10 ms and a body of `{ "msg": "clear all blogs" }`.

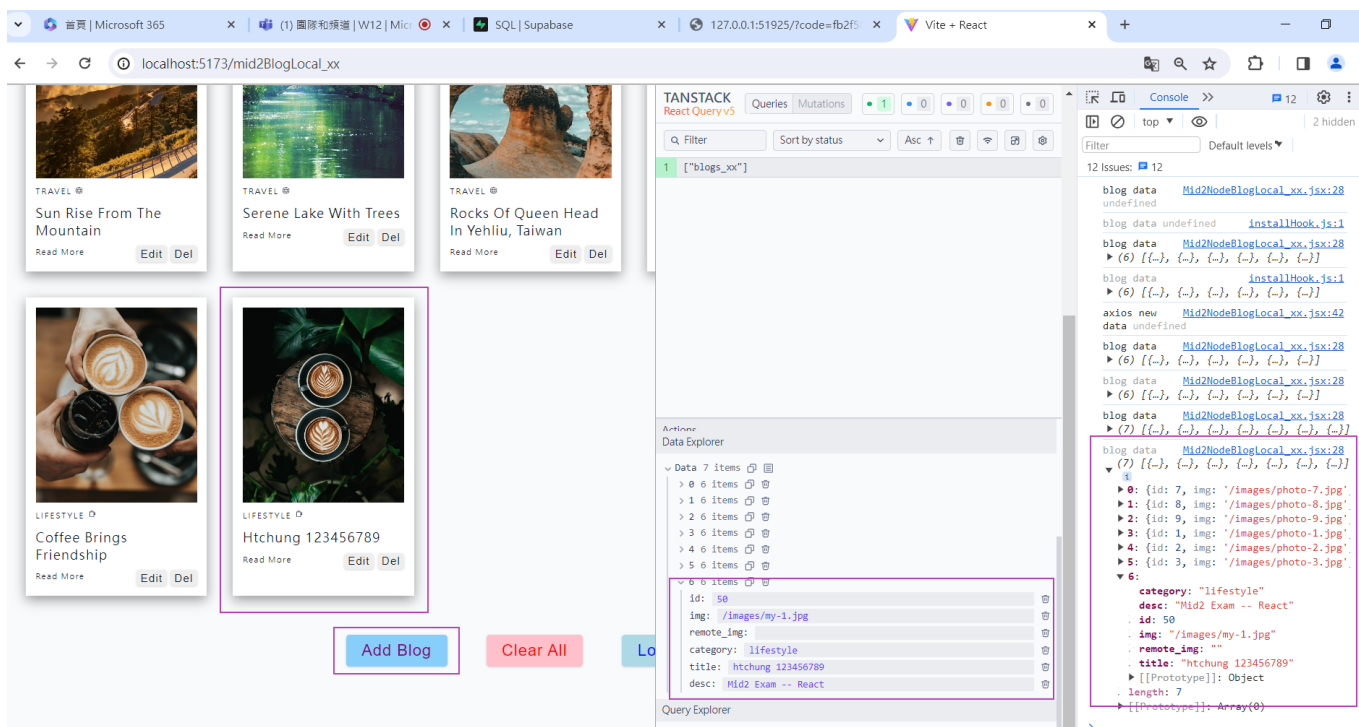
```
$ git log --pretty=format:"%h%x09an%x09ad%x09s" --after="2024-05-07"
09a14ef Sky001 Sat May 11 23:04:14 2024 +0800 W12-P2: Update a blog with id =20
```

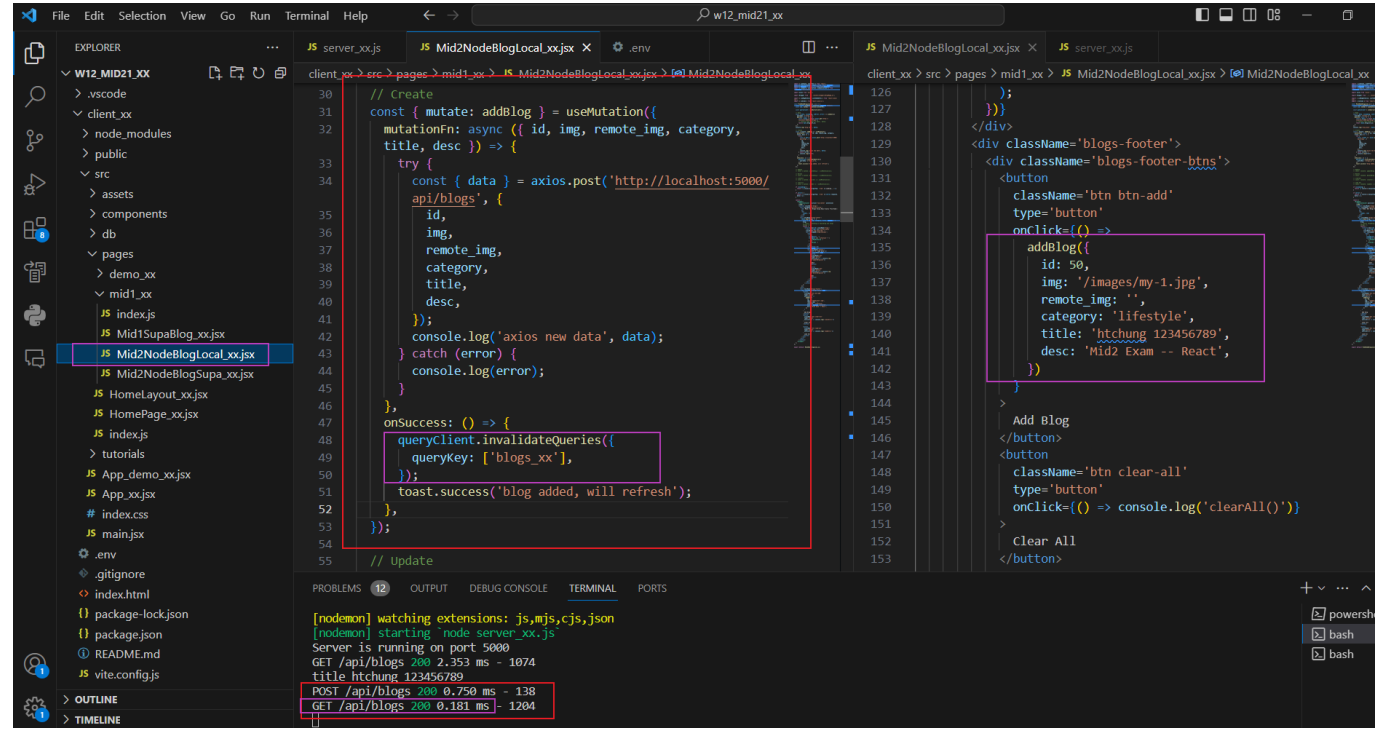
### W12-P3: Use React Query to read all blogs from Node server



```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%" --after="2024-05-07"
58cffd5 Sky001 Wed May 8 20:43:30 2024 +0800 W12-P3: Use React Query to read
all blogs from Node server
```

## W12-P4: Insert a blog using React Query





```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2024-05-07"
e8ade79 Sky001 Sat May 11 23:11:17 2024 +0800 W12-P4: Insert a blog using React
Query
```

W10-P4: Git logs of W10

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2024-05-07"
e8ade79 Sky001 Sat May 11 23:11:17 2024 +0800 W12-P4: Insert a blog using React
Query
09a14ef Sky001 Sat May 11 23:04:14 2024 +0800 W12-P2: Update a blog with id =20
58cffd5 Sky001 Wed May 8 20:43:30 2024 +0800 W12-P3: Use React Query to read
all blogs from Node server
ff1592a Sky001 Wed May 8 19:45:04 2024 +0800 W12-P1: Insert a blog using local
json array
```