

W12-P1: Insert a blog using local json array

The screenshot shows the VS Code interface with a REST client request and a JavaScript server response. The request is a GET to `http://localhost:5000/api/blogs` with a status of 200 OK. The response is a JSON array containing a single blog object with the following properties:

```
{  "id": 86,  "img": "/images/photo-6.jpg",  "remote_img": "",  "category": "travel",  "title": "Juanx HSU",  "desc": "mid2-Exam"}
```

The JavaScript code in `server_86.js` shows the `app.post('/api/blogs', (req, res) => {` function, which logs the title and updates the `blogList` array with the new blog object.

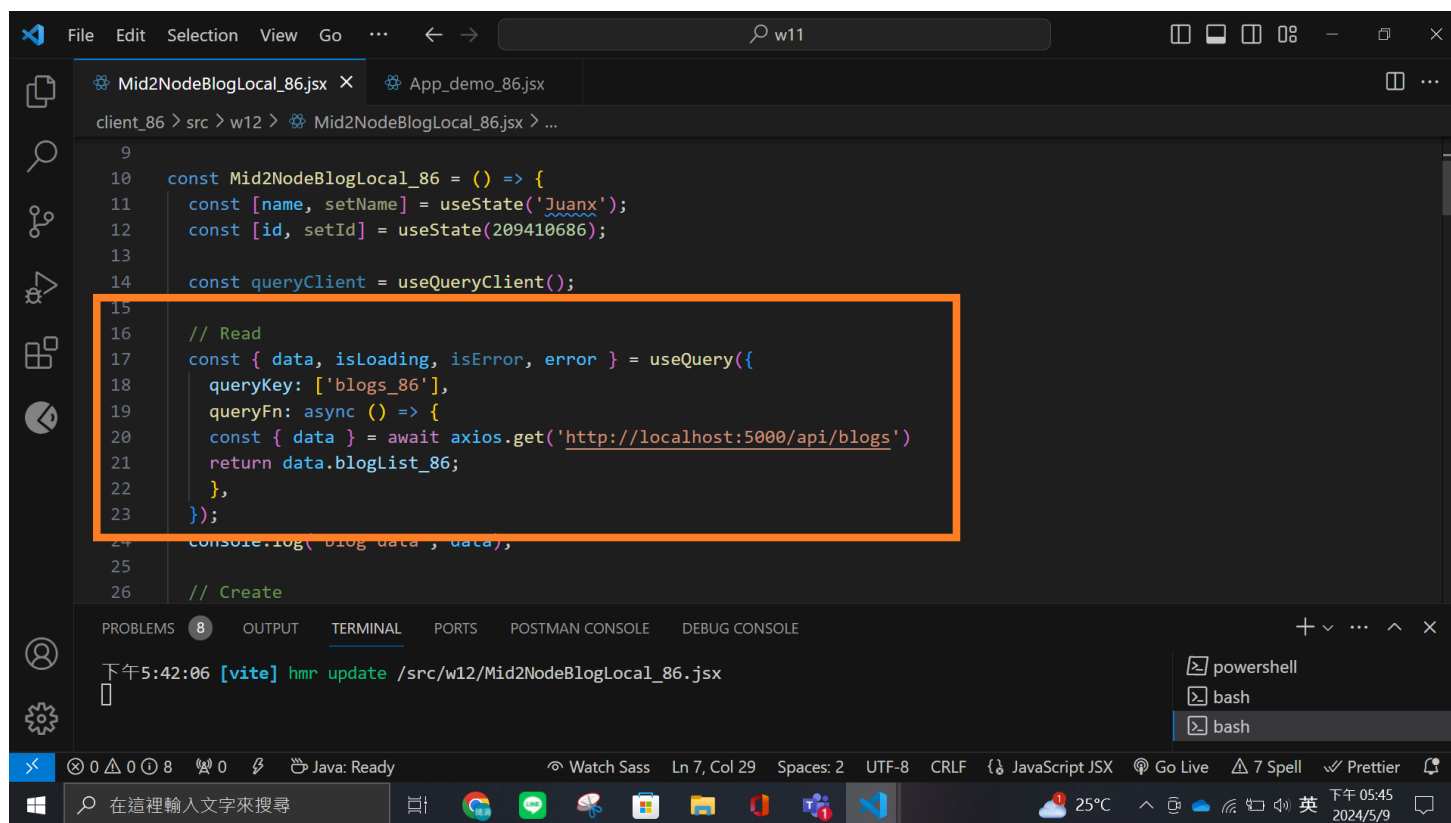
W12-P2: Update a blog with id=20

The screenshot shows the VS Code interface with a REST client request and a JavaScript server response for updating a blog. The request is a PATCH to `localhost:5000/api/blogs/86` with a status of 200 OK. The request body is a JSON object with the following properties:

```
{  "img": "/images/photo-6.jpg",  "remote_img": "",  "category": "lifestyle",  "title": "Juanx HSU",  "desc": "w12-mid2"}
```

The JavaScript code in `server_86.js` shows the `app.patch('/api/blogs/:id', (req, res) => {` function, which updates the `blogList` array with the new blog object.

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

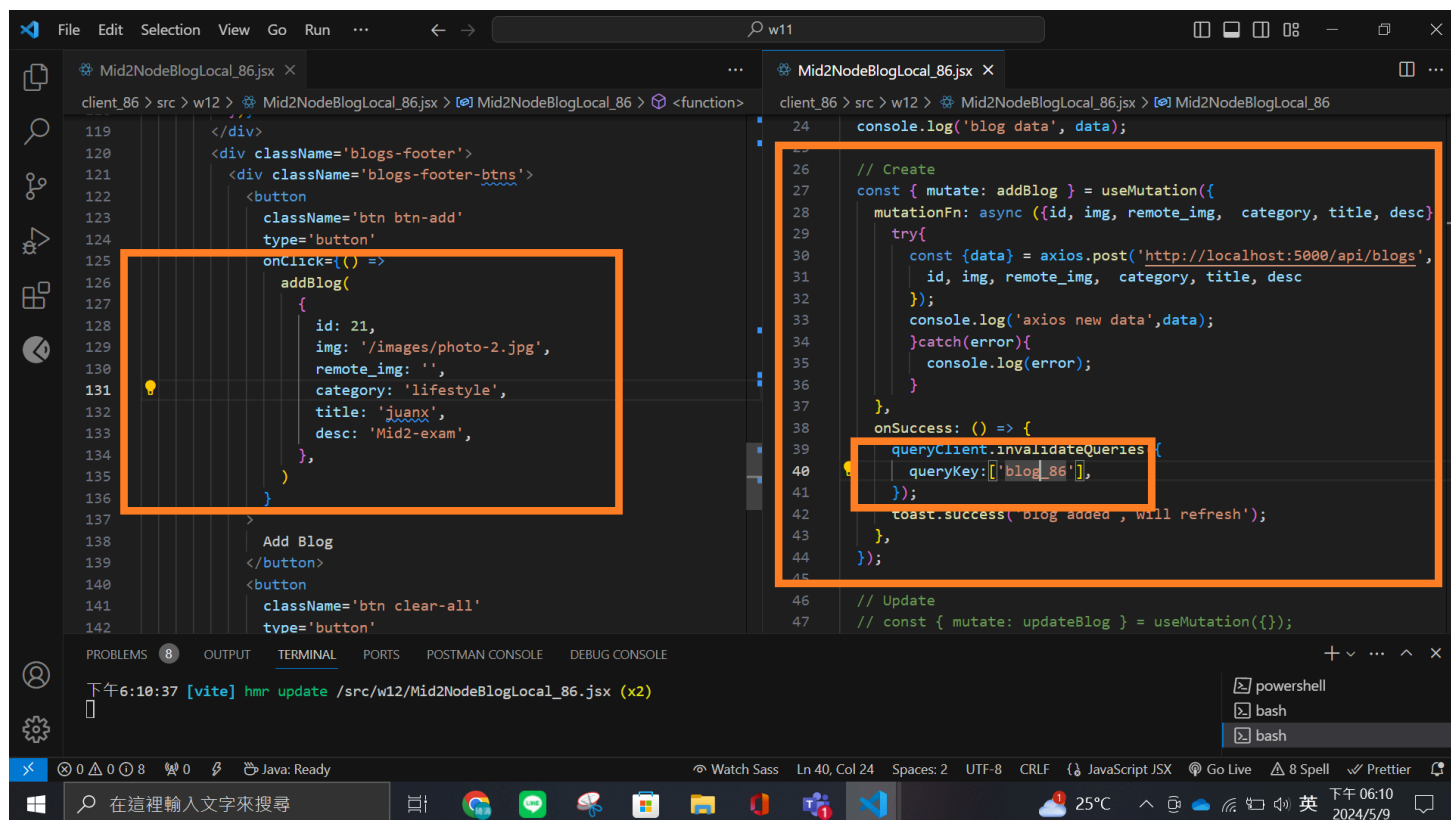


The screenshot shows a VS Code editor with a file named `Mid2NodeBlogLocal_86.jsx`. The code defines a `useQuery` hook to fetch a list of blogs from a Node server. The `queryFn` uses `axios.get` to retrieve data from `http://localhost:5000/api/blogs`. The `data` returned is `data.blogList_86`. The `queryClient` is also defined.

```
10 const Mid2NodeBlogLocal_86 = () => {
11   const [name, setName] = useState('Juanx');
12   const [id, setId] = useState(209410686);
13
14   const queryClient = useQueryClient();
15
16   // Read
17   const { data, isLoading, isError, error } = useQuery({
18     queryKey: ['blogs_86'],
19     queryFn: async () => {
20       const { data } = await axios.get('http://localhost:5000/api/blogs');
21       return data.blogList_86;
22     },
23   });
24   console.log('blog data', data);
25
26   // Create
```

The terminal shows the command `[vite] hmr update /src/w12/Mid2NodeBlogLocal_86.jsx` and the status `Java: Ready`.

W12-P4: Insert a blog using React Query



The screenshot shows two files in VS Code. The left file, `Mid2NodeBlogLocal_86.jsx`, shows the `addBlog` function being called from a button click event. The right file, `Mid2NodeBlogLocal_86.jsx`, shows the `addBlog` mutation function and the `onSuccess` callback that invalidates the `blogs_86` query.

```
121 <div className='blogs-footer'>
122   <div className='blogs-footer-btns'>
123     <button
124       className='btn btn-add'
125       type='button'
126       onClick={() =>
127         addBlog(
128           {
129             id: 21,
130             img: '/images/photo-2.jpg',
131             remote_img: '',
132             category: 'lifestyle',
133             title: 'juanx',
134             desc: 'Mid2-exam',
135           },
136         )
137       >
138     <Add Blog
139     </button>
140     <button
141       className='btn clear-all'
142       type='button'
```

```
24 console.log('blog data', data);
25
26 // Create
27 const { mutate: addBlog } = useMutation({
28   mutationFn: async ({id, img, remote_img, category, title, desc}) => {
29     try{
30       const {data} = axios.post('http://localhost:5000/api/blogs',
31         {id, img, remote_img, category, title, desc
32       });
33       console.log('axios new data',data);
34     }catch(error){
35       console.log(error);
36     }
37   },
38   onSuccess: () => {
39     queryClient.invalidateQueries({
40       queryKey:['blog_86'],
41     });
42     toast.success('blog added , will refresh');
43   },
44 });
45
46 // Update
47 // const { mutate: updateBlog } = useMutation({};
```

The terminal shows the command `[vite] hmr update /src/w12/Mid2NodeBlogLocal_86.jsx (x2)` and the status `Java: Ready`.

W12-P5: Git logs of W11

Commits · 209410686/112-wp2-2N_86

github.com/209410686/112-wp2-2N_86/commits/main/

209410686 / 112-wp2-2N_86

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Commits

main

All users All time

Commits on May 9, 2024

- w12-sever**
209410686 committed 4 minutes ago
dfe4f54
- w12**
209410686 committed 5 minutes ago
5a0ce95

Commits on May 3, 2024

- w11_mid21**
209410686 committed last week
bee2403

Commits on Apr 27, 2024

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