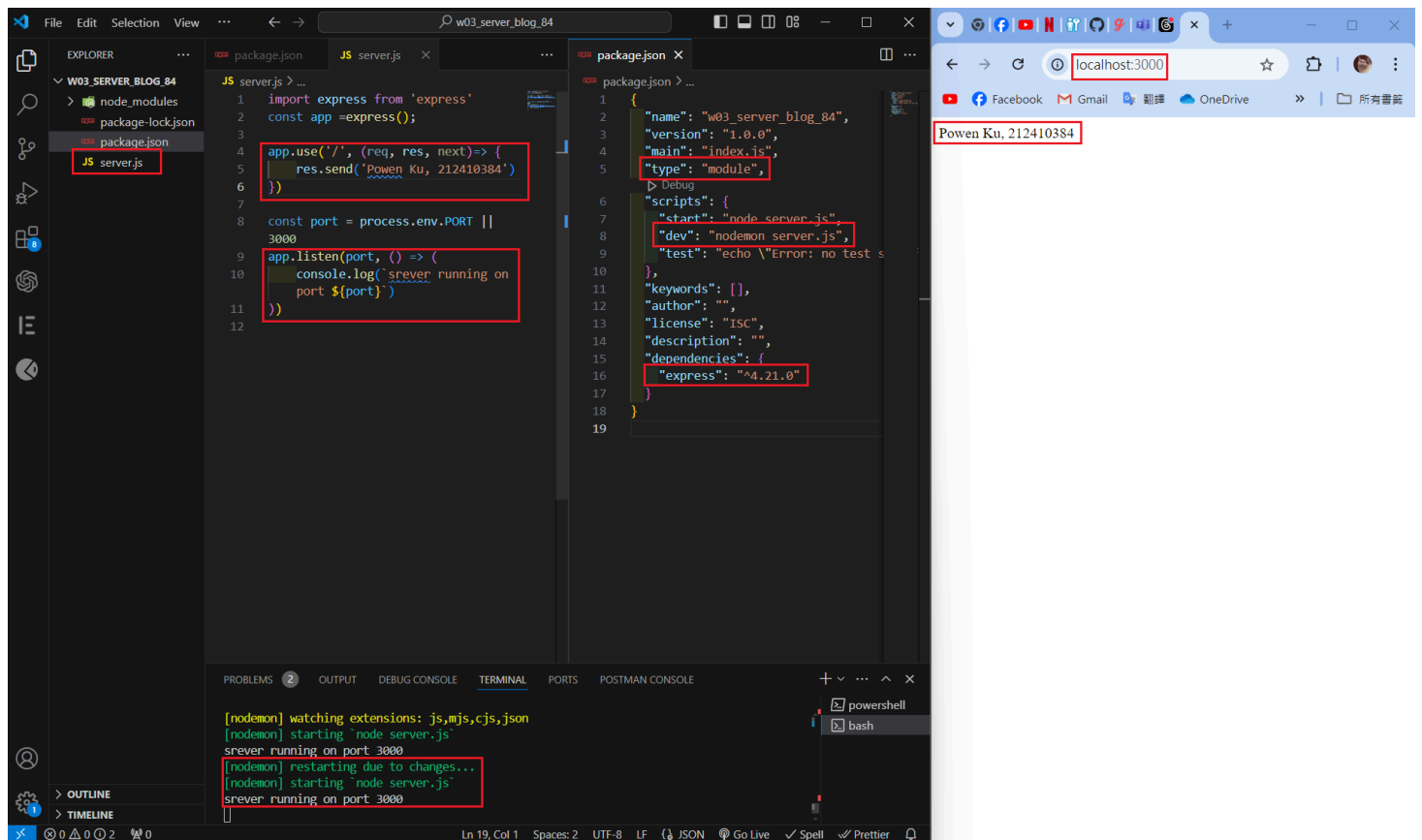


W03-P1: Create an express Web server and show your name and ID



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Wed Oct 9 11:05:45 2024 +0800

W03-P1: Create an express Web server and

W03-P2: Create wp1_demo_84 database with a table blog_84, and put 2 data into blog_84

pgAdmin 4

Object Explorer

- Domains
- FTS Configurations
- FTS Dictionaries
- FTS Parsers
- FTS Templates
- Foreign Tables
- Functions
- Materialized Views
- Operators
- Procedures
- Sequences
- Tables (1)
 - blog_84
 - Columns (6)
 - id
 - title
 - descrip
 - category
 - img
 - remote_img
- Constraints
- Indexes
- RLS Policies
- Rules
- Triggers
- Trigger Functions
- Types
- Views
- Subscriptions
- Login/Group Roles
- Tablespaces (2)
 - pg_default
 - pg_global
- PostgreSQL 17
- Postgres Enterprise Manager

Query

```
1 SELECT * FROM public.blog_84
2 ORDER BY id ASC
```

Data Output

	id [PK] integer	title character varying (255)	descrip text	category character varying (255)	img text	remote_img text
1	1	seven reasons why coffee is awesome	Lorem ipsum dolor, sit amet consectetur adipisicing el...	lifestyle	/images/photo-1.jpg	
2	2	travel to paris	Lorem ipsum dolor, sit amet consectetur adipisicing el...	travel	/images/photo-2.jpg	

Total rows: 2 of 2 Query complete 00:00:00.173 Ln 1, Col 1

File Edit Selection View Go ...

EXPLORER

- w03_se...
 - node_modules
 - theme_blogs
 - utils
 - data
 - blog_84.sql
 - JS database.js
 - package-lock.json
 - package.json
 - JS server.js

utils > data > blog_84.sql

```
1 create table blog_84 (
2   id int not null primary key,
3   title varchar(255),
4   descrip text,
5   category varchar(255),
6   img text,
7   remote_img text
8 )
9
10 insert into blog_84 (id, title, descrip, category, img, remote_img)
11 values
12 (1, 'seven reasons why coffee is awesome', 'Lorem ipsum dolor, sit amet consectetur
13   adipisicing elit.', 'lifestyle', '/images/photo-1.jpg', ''),
14 (2, 'travel to paris', 'Lorem ipsum dolor, sit amet consectetur adipisicing elit.',
15   'travel', '/images/photo-2.jpg', '')]
```

W03-P3: Create database.js to connect blog_84 as in P2 and show 2 data

The screenshot shows the VS Code editor interface with the following components:

- EXPLORER:** The file tree on the left shows the project structure. The file `JS database.js` is highlighted.
- EDITOR:** The main editor area shows the code for `database.js`. The code is as follows:

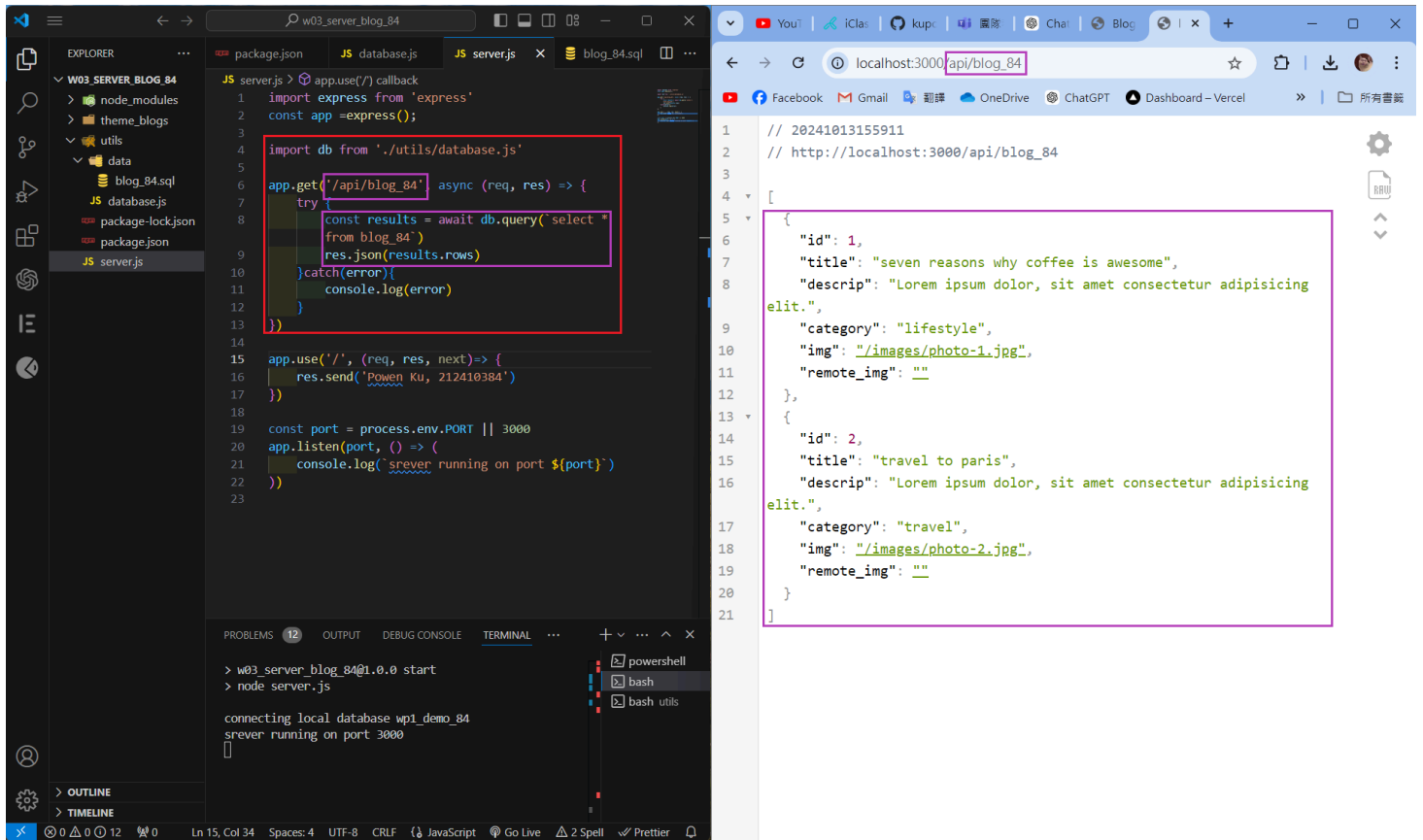
```
1 import pg from 'pg';
2 const { Pool } = pg;
3
4 const pool = new Pool({
5   host: 'localhost',
6   port: '5432',
7   user: 'postgres',
8   password: 'ej41i6jp6',
9   database: 'wp1_demo_84',
10 });
11
12 console.log('connecting local database', pool.options.database);
13
14 const testDB = async () => {
15   try {
16     const result = await pool.query(`SELECT * FROM blog_84`);
17     console.log('json data', result.rows);
18   } catch (error) {
19     console.log(error);
20   }
21 }
22
23 testDB();
```
- TERMINAL:** The terminal at the bottom shows the execution of the script and the resulting JSON data:

```
$ node database.js
connecting local database wp1_demo_84
json data [
  {
    id: 1,
    title: 'seven reasons why coffee is awesome',
    descrip: 'Lorem ipsum dolor, sit amet consectetur adipisicing elit.',
    category: 'lifestyle',
    img: '/images/photo-1.jpg',
    remote_img: ''
  },
  {
    id: 2,
    title: 'travel to paris',
    descrip: 'Lorem ipsum dolor, sit amet consectetur adipisicing elit.',
    category: 'travel',
    img: '/images/photo-2.jpg',
    remote_img: ''
  }
]
```

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Sun Oct 13 15:29:34 2024 +0800 W03-P3: Create database.js to connect b.

W03-P4: Using route /api/blog_84 to get json data and show it in the browser



9d641e3 212410384

Sun Oct 13 16:04:46 2024 +0800 W03-P4: Using route /api/blog_84 to get

W03-P5: Using route /api/blog_84 to get json data from Supabase, and show it in the browser

The image shows a development environment with VS Code and a web browser. In VS Code, the file `utils/database-supabase.js` defines a Supabase client, and `server.js` implements the `/api/blog_84` endpoint. The terminal shows the server starting successfully. The browser displays the JSON response from the endpoint.

```
utils > JS database-supabase.js > pool
1 import pg from 'pg';
2 const { Pool } = pg;
3
4 const pool = new Pool({
5   host: 'aws-0-ap-northeast-1-
6     pooler.supabase.com',
7   port: '5432',
8   user: 'postgres.
9     magwayvhibnxbahhahhts',
10  password: 'r6DvQ2wskpcc3xwZ',
11  database: 'postgres',
12 });
13 console.log('connecting Supabase
14  database', pool.options.database)
15 export default pool
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```

```
JS server.js > ...
1 import express from 'express'
2 const app = express();
3
4 // import db from './utils/database.js'
5
6 import db from './utils/database-supabase.
7   js'
8
9 app.get('/api/blog_84', async (req, res) =>
10 {
11   try {
12     const results = await db.query
13       ('select * from blog_84')
14     res.json(results.rows)
15   } catch (error) {
16     console.log(error)
17   }
18 })
19
20 app.use('/', (req, res, next) => {
21   res.send('Powen Ku, 212410384')
22 })
23
24 const port = process.env.PORT || 3000
25 app.listen(port, () => {
26   console.log('server running on port $
27     {port}')
28 })
29
30
```

```
PROBLEMS 18 OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE
8287a34 212410384 MINGW64 ~/Desktop/2N/w03_server_blog_84
$ npm start
> w03_server_blog_84@1.0.0 start
> node server.js
connecting Supabase database postgres
server running on port 3000
```

```
localhost:3000/api/blog_84
// 20241013162323
// http://localhost:3000/api/blog_84
[
  {
    "id": 1,
    "title": "seven reasons why coffee is awesome",
    "descrip": "Supabase Lorem ipsum dolor, sit amet
consectetur adipisicing elit.",
    "category": "lifestyle",
    "img": "/images/photo-1.jpg",
    "remote_img": ""
  },
  {
    "id": 2,
    "title": "travel to paris",
    "descrip": "Supabase Lorem ipsum dolor, sit amet
consectetur adipisicing elit.",
    "category": "travel",
    "img": "/images/photo-2.jpg",
    "remote_img": ""
  }
]
```

8287a34 212410384


Sun Oct 13 16:30:16 2024 +0800 W03-P5: Using route /api/blog_84 to get

W03-P6: all git logs of w3

github.com/kupowen/1131-wp1-demo-84/commits/main/

Facebook Gmail 翻譯 OneDrive ChatGPT Dashboard – Vercel 來自 Microsoft Des... 集錦 廖正宏

☰

kupowen / 1131-wp1-demo-84

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

⚠ You only have a single verified email address. We recommend verifying at least one more email address to ensure you can recover your account.

Commits

main

Commits on Oct 13, 2024

W03-P5: Using route /api/blog_84 to get json data from Supabase, and show it in the browser
kupowen committed now

W03-P4: Using route /api/blog_84 to get json data and show it in the browser
kupowen committed 26 minutes ago

W03-P3: Create database.js to connect blog_84 as in P2 and show 2 data
kupowen committed 1 hour ago

W03-P2: Create wp1_demo_84 database with a table blog_84, and put 2 data into blog_84
kupowen committed 1 hour ago

Commits on Oct 9, 2024

W03-P1: Create an express Web server and show your name and ID
kupowen committed 4 days ago

```
git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2024-9-24"
8287a34 212410384      Sun Oct 13 16:30:16 2024 +0800  W03-P5: Using route /api/blog_84 to get
9d641e3 212410384      Sun Oct 13 16:04:46 2024 +0800  W03-P4: Using route /api/blog_84 to get
cb9295c 212410384      Sun Oct 13 15:29:34 2024 +0800  W03-P3: Create database.js to connect b
0ba0f07 212410384      Sun Oct 13 14:47:43 2024 +0800  W03-P2: Create wp1_demo_84 database with
116bd00 212410384      Wed Oct 9 11:05:45 2024 +0800   W03-P1: Create an express Web server and
```