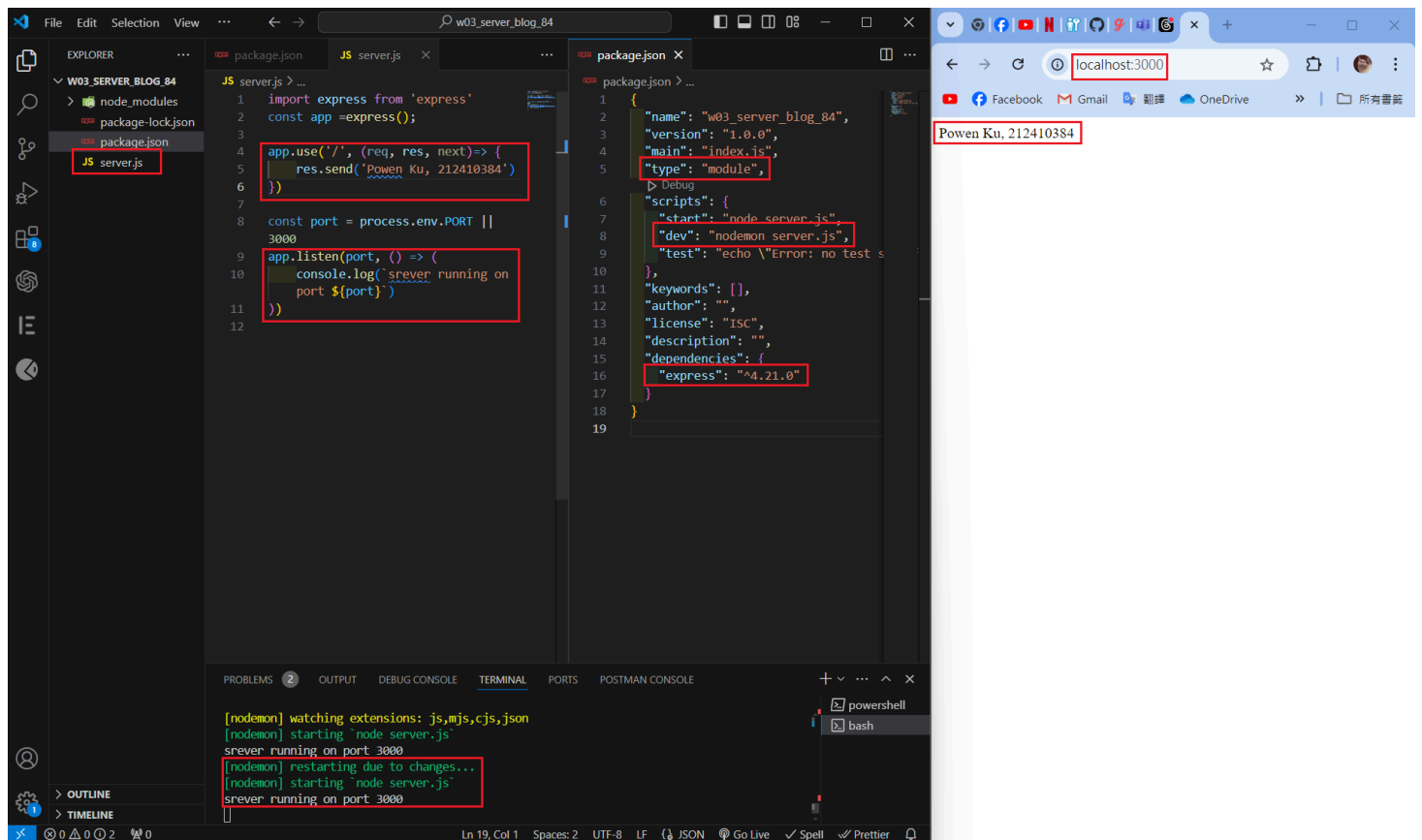


W03-P1: Create an express Web server and show your name and ID



116bd00 212410384

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	title	descrip	category	img	remote_img
1	seven reasons why coffee is awesome	Lorem ipsum dolor, sit amet consectetur adipisicing elit.	lifestyle	/images/photo-1.jpg	
2	travel to paris	Lorem ipsum dolor, sit amet consectetur adipisicing elit.	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

package.json database.js 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 in `database.js`. The code is as follows:

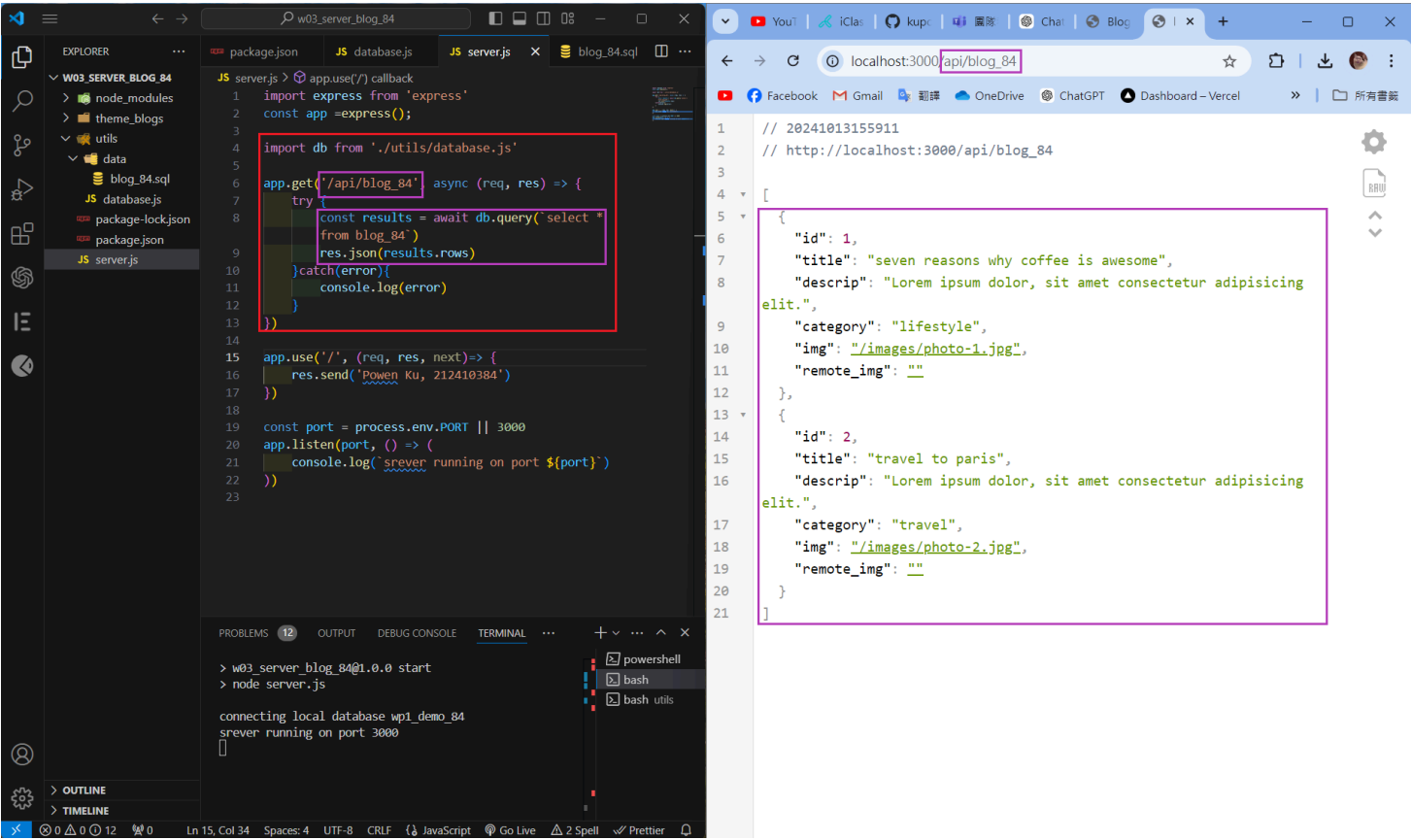
```
1 import pg from 'pg';
2 const { Pool } = pg;
3
4 const pool = new Pool({
5   host: 'localhost',
6   port: '5432',
7   user: 'postgres',
8   password: 'ej41i6jp6',
9   database: 'wp1_demo_84',
10 });
11
12 console.log('connecting local
database', pool.options.database);
13
14 const testDB = async () => {
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 command `node database.js` being executed. The output is:

```
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: ''
  }
]
```

cb9295c 212410384

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

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

```
git log --pretty=format:"%h%x09%an%x09%ad%x09s" --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
```