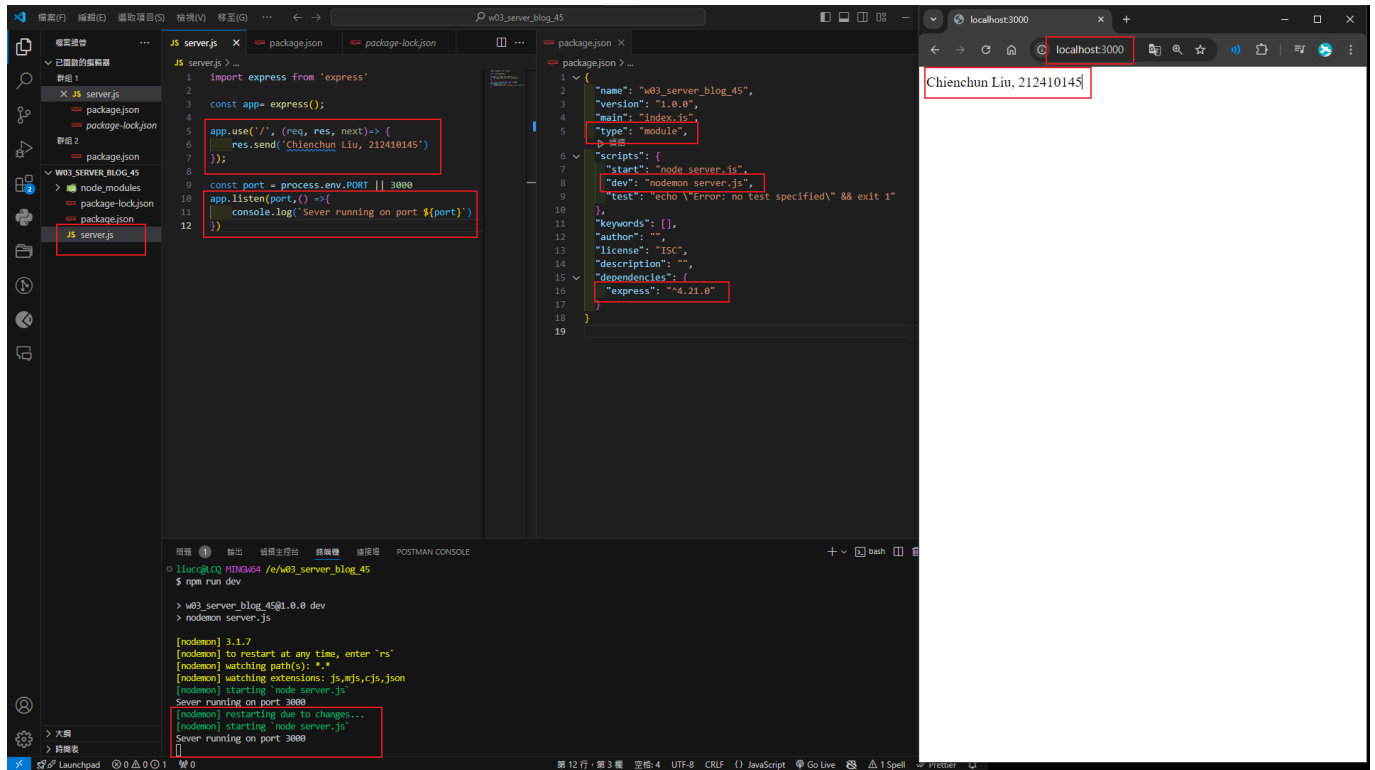


Github URL

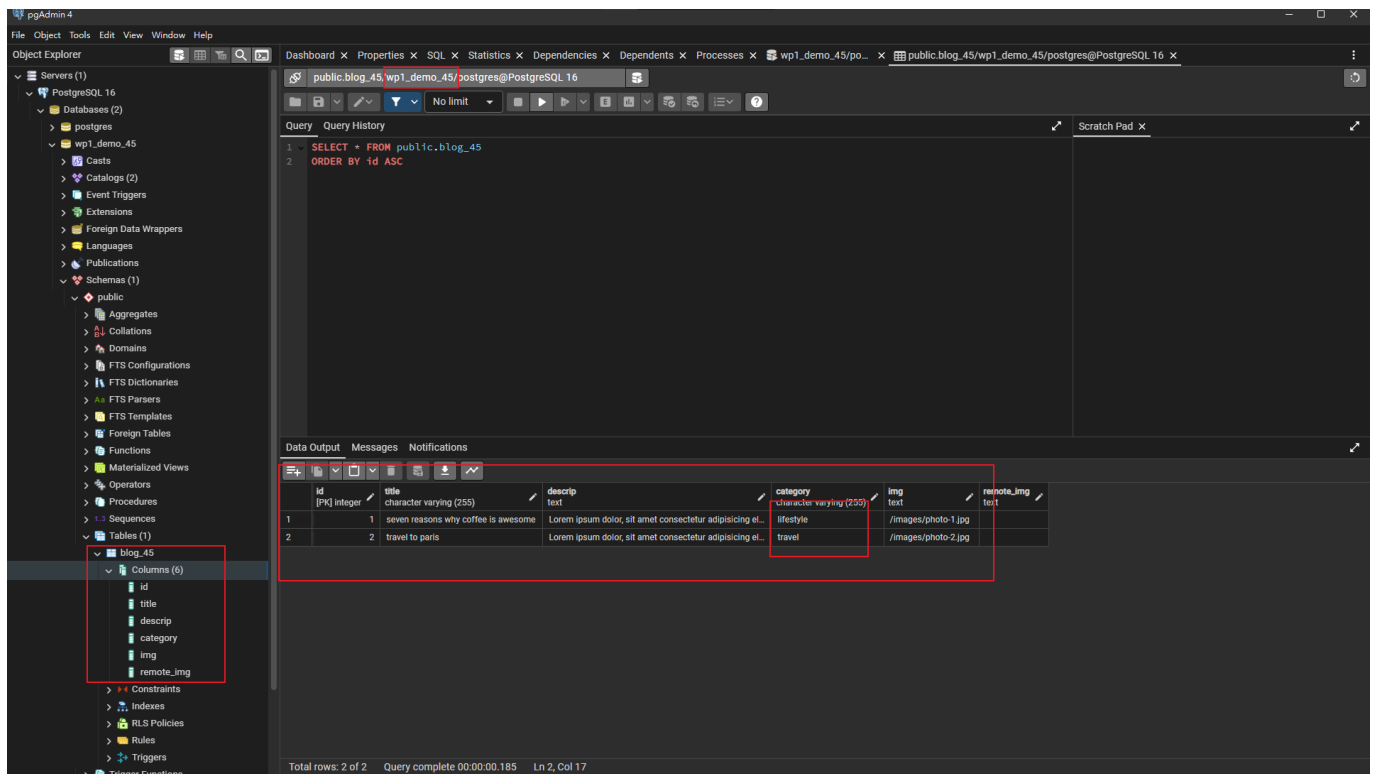
## W03-P1: Create an express Web server and show your name and ID



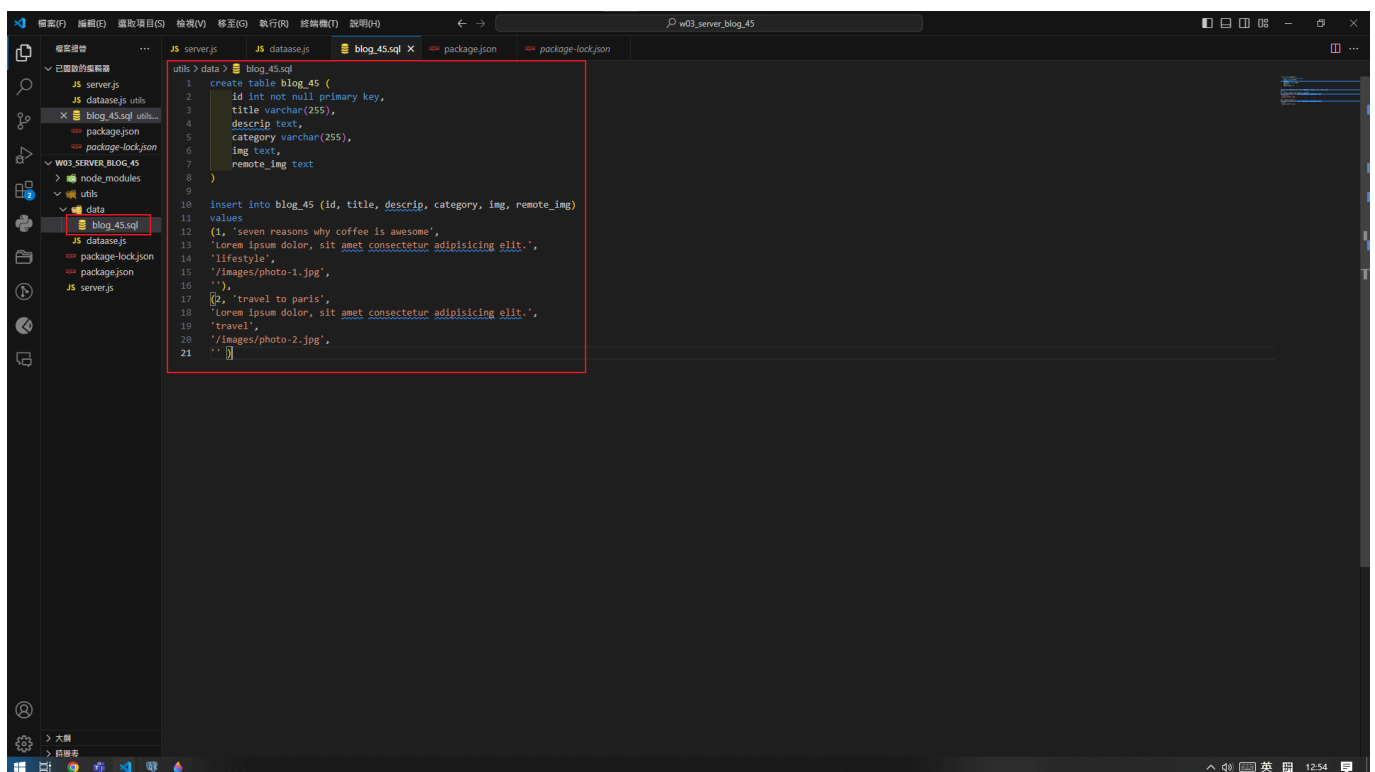
0c32f8c Liucchien      Fri Sep 27 14:25:12 2024 +0800    W03-P1: Create an express Web server and show your name and ID

## W03-P2: Create wp1\_demo\_xx database with a table blog\_xx, and put 2 data into blog\_45

=> pgAdmin

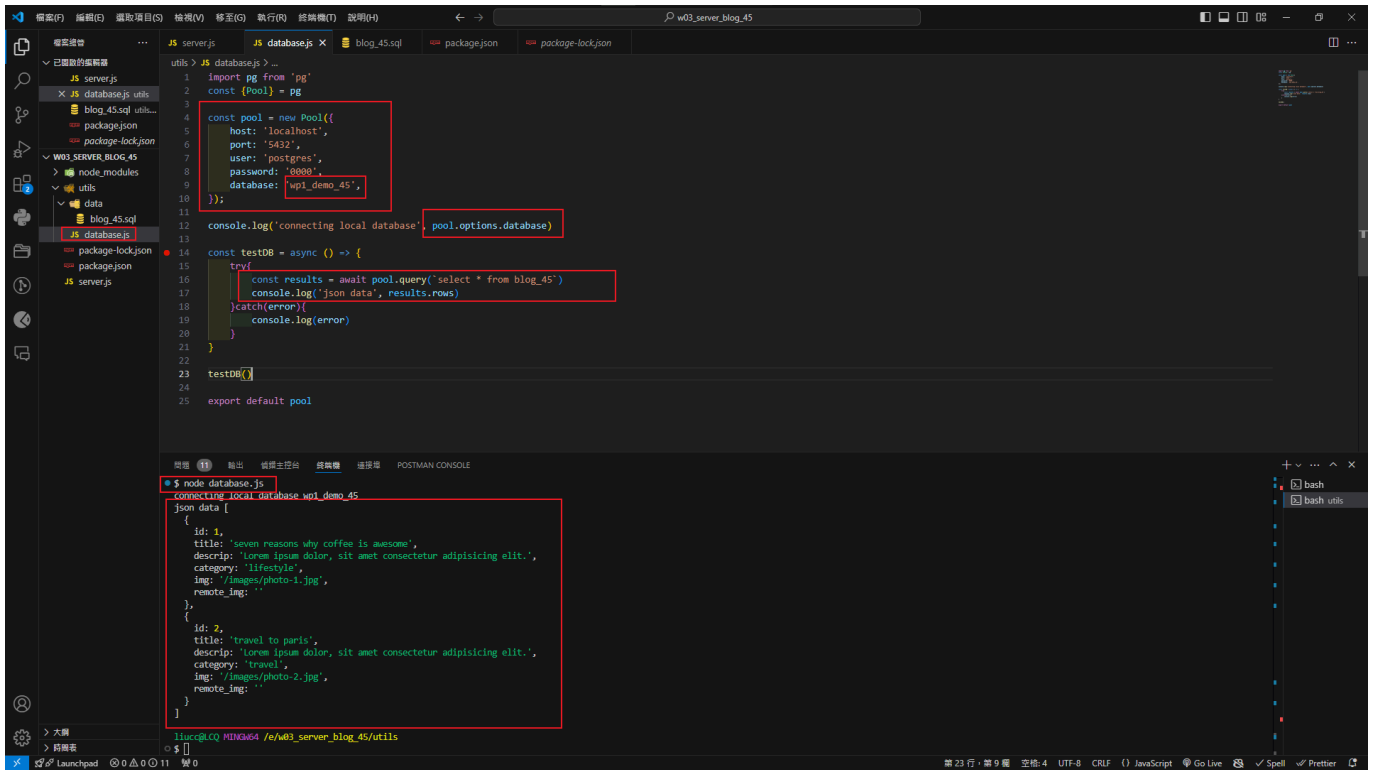


=> sql



98e0e69 Liucchien      Fri Sep 27 14:26:30 2024 +0800    W03-P2: Create wp1\_demo\_xx database with a table blog\_xx, and put 2 data into blog\_45

W03-P3: Create database.js to connect blog\_45 as in P2 and show 2 data



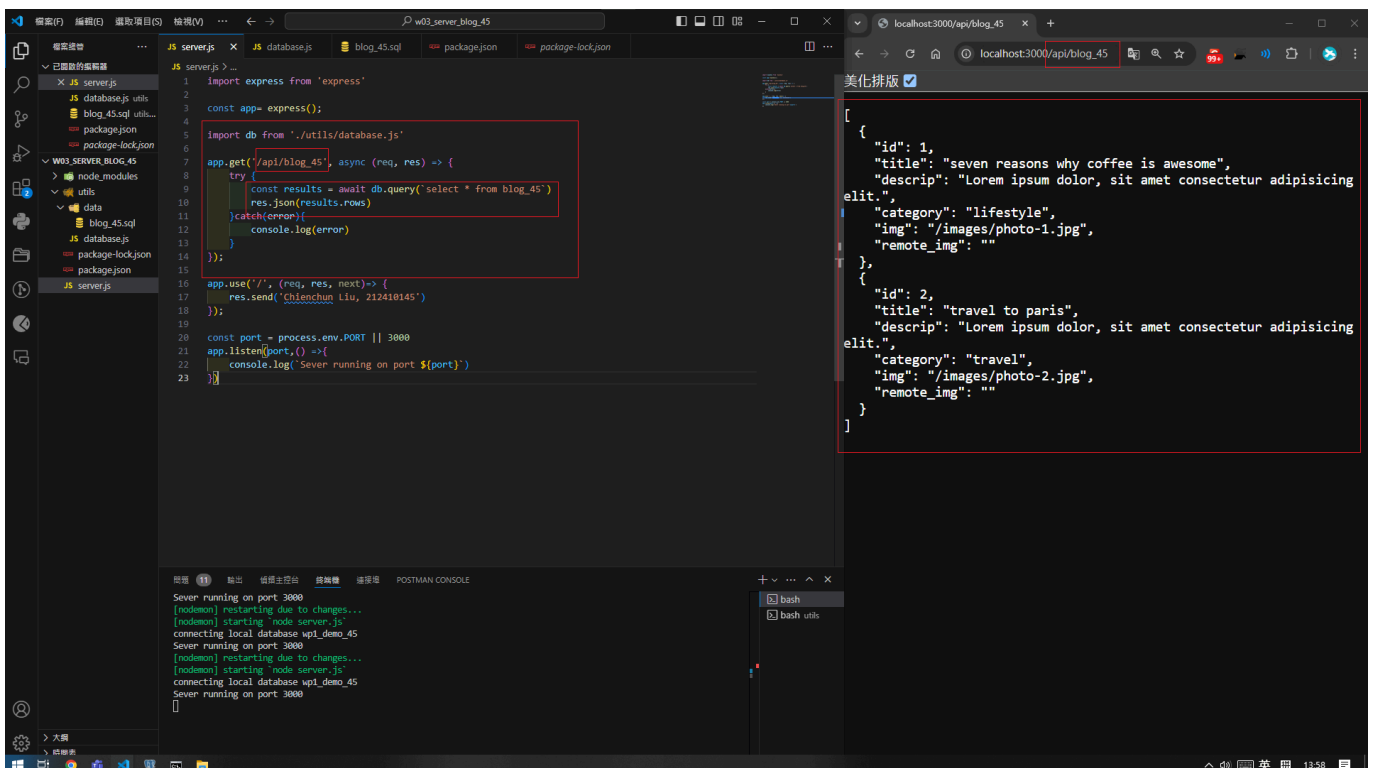
The screenshot shows the VS Code editor with the file `database.js` open. The code defines a PostgreSQL connection pool and a function to query the `blog_45` table. The terminal output shows the command `$ node database.js` and the resulting JSON data from the database query.

```
1 import pg from 'pg'
2 const {Pool} = pg
3
4
5 const pool = new Pool({
6   host: 'localhost',
7   port: '5432',
8   user: 'postgres',
9   password: '8888',
10  database: 'wpl_demo_45',
11 });
12
13 console.log('connecting local database', pool.options.database)
14
15 const testDB = async () => {
16   try {
17     const results = await pool.query('select * from blog_45')
18     console.log('json data', results.rows)
19   } catch (error) {
20     console.log(error)
21   }
22 }
23
24 testDB()
25
26 export default pool
```

```
$ node database.js
connecting local database wpl_demo_45
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: ''
  }
]
```

7ffbba7 Liucchien      Fri Sep 27 14:26:58 2024 +0800    W03-P3: Create database.js to connect blog\_45 as in P2 and show 2 data

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



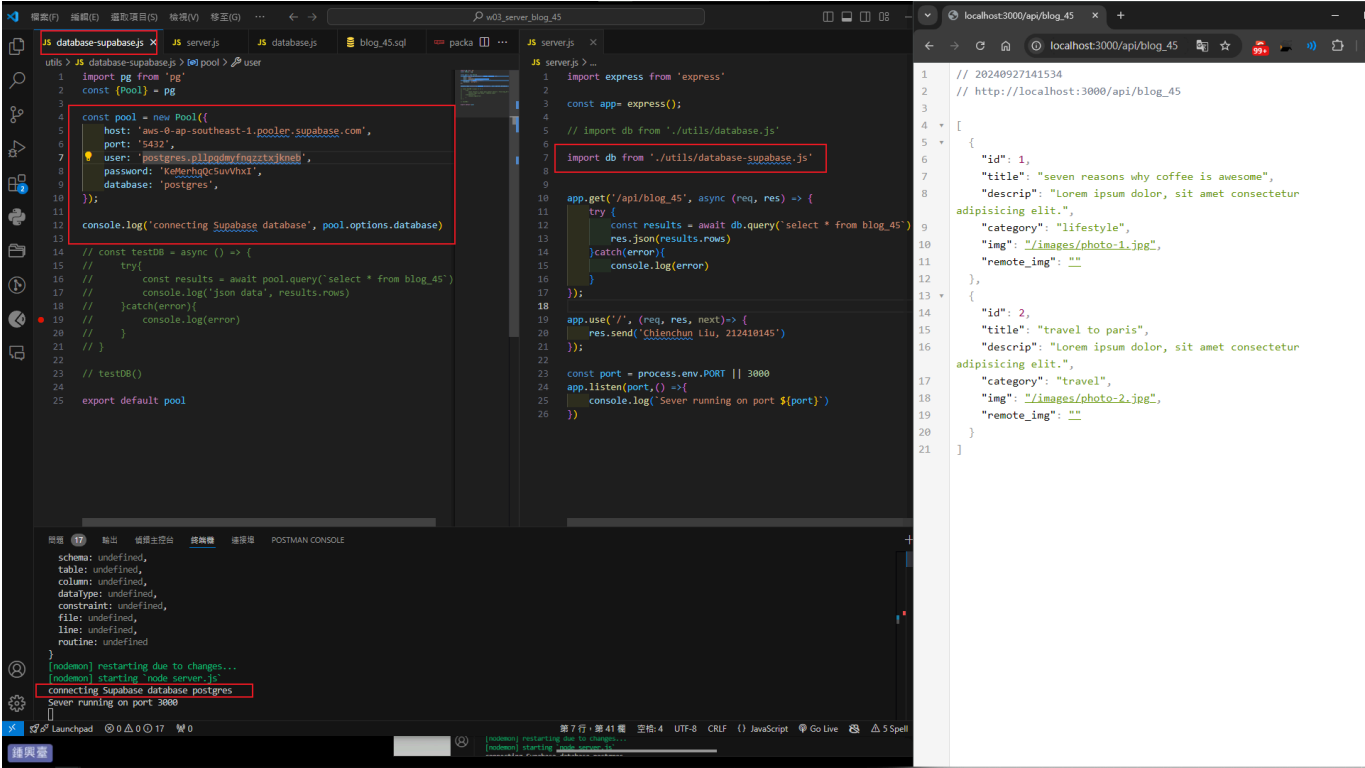
The screenshot shows the VS Code editor with the file `server.js` open. The code sets up an Express server, imports the database pool, and defines a route `/api/blog_45` to fetch data from the database. The browser output shows the JSON data returned by the API endpoint.

```
1 import express from 'express'
2
3 const app = express()
4
5 import db from './utils/database.js'
6
7 app.get('/api/blog_45', async (req, res) => {
8   try {
9     const results = await db.query('select * from blog_45')
10    res.json(results.rows)
11  } catch (error) {
12    console.log(error)
13  }
14 })
15
16 app.use('/', (req, res, next) => {
17   res.send('chienchun Liu, 212410145')
18 })
19
20 const port = process.env.PORT || 3000
21 app.listen(port, () => {
22   console.log('Server running on port ${port}')
23 })
```

```
[{"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": ""}]
```

546ac7c Liucchien      Fri Sep 27 14:29:11 2024 +0800    W03-P4: Using route /api/blog\_xx to get json data and show it in the browser

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



f9ae83c Liucchien      Fri Sep 27 14:29:35 2024 +0800    W03-P5: Using route /api/blog\_xx to get json data from Supabase, and show it in the browser

W03-P6: all git logs of W3

f9ae83c Liucchien      Fri Sep 27 14:29:35 2024 +0800    W03-P5: Using route /api/blog\_xx to get json data from Supabase, and show it in the browser

546ac7c Liucchien      Fri Sep 27 14:29:11 2024 +0800    W03-P4: Using route /api/blog\_xx to get json data and show it in the browser

7ffbba7 Liucchien      Fri Sep 27 14:26:58 2024 +0800    W03-P3: Create database.js to connect blog\_45 as in P2 and show 2 data

98e0e69 Liucchien      Fri Sep 27 14:26:30 2024 +0800    W03-P2: Create wp1\_demo\_xx database with a table blog\_xx, and put 2 data into blog\_45

0c32f8c Liucchien      Fri Sep 27 14:25:12 2024 +0800    W03-P1: Create an express Web server and show your name and ID

```
git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2024-09-24"
```