

The screenshot displays a development environment with three main panels:

- Code Editor (Left):** Shows a JavaScript file named `database.js` with the following content:


```
const { Pool } = require('pg');

let pool;

pool = new Pool({
  host: 'localhost',
  port: '5432',
  user: 'postgres',
  password: '910226',
  database: 'wp1_demo_24'
});
console.log('connect database', pool);
module.exports = pool;
```
- Terminal (Bottom Left):** Shows the command prompt output for a Node.js script:


```
hank2@MSI MINGW64 /d/2n/wp4_24_blog/utlis
$ node database.js
connect database BoundPool {
  _events: [Object: null prototype] {},
  _eventsCount: 0,
  maxListeners: undefined,
  options: {
    host: 'localhost',
    port: '5432',
    user: 'postgres',
    database: 'wp1_demo_24',
    max: 10,
    maxUses: Infinity,
    allowExitOnIdle: false,
    maxLifetimeSeconds: 0,
    idleTimeoutMillis: 10000
  },
}
```
- pgAdmin 4 (Right):** The interface shows the 'Servers' tree with 'PostgreSQL 15' expanded, leading to 'Databases (2)' and then 'wp1_demo_24'. The 'Query' tab is active, showing a single query with the result 'Total rows: 0 of 0'. The 'Data Output' tab is also visible, showing 'No data output. Execute a query to get output.'

W04-P2: Using SQL to create table card_xx, and insert two data

The screenshot displays a development environment with three main components:

- Code Editor (VS Code):**
 - File Explorer:** Shows a project structure with files like `bin`, `www`, `node_modules`, `public`, `routes`, `index.js`, `users.js`, `utils`, `data`, `data.sql`, `database.js`, `views`, `error.js`, `index.js`, `app.js`, `package-lock.json`, and `package.json`.
 - Editor:** Displays the content of `data.sql`:


```
1 CREATE TABLE card_24(
2   id int NOT NULL PRIMARY KEY,
3   title varchar(255),
4   descrip varchar(255),
5   category varchar(255),
6   img varchar(255),
7   remote_url varchar(255)
8 )
9
10 INSERT INTO card_24(id ,title,descrip,category
11 VALUES
12 (1, 'Seven Reasons Why Coffee Is Awesome','Lor
13 (2, 'Travel To Paris','Lorem ipsum dolor, sit
```
 - Terminal:** Shows the command to run the SQL script:

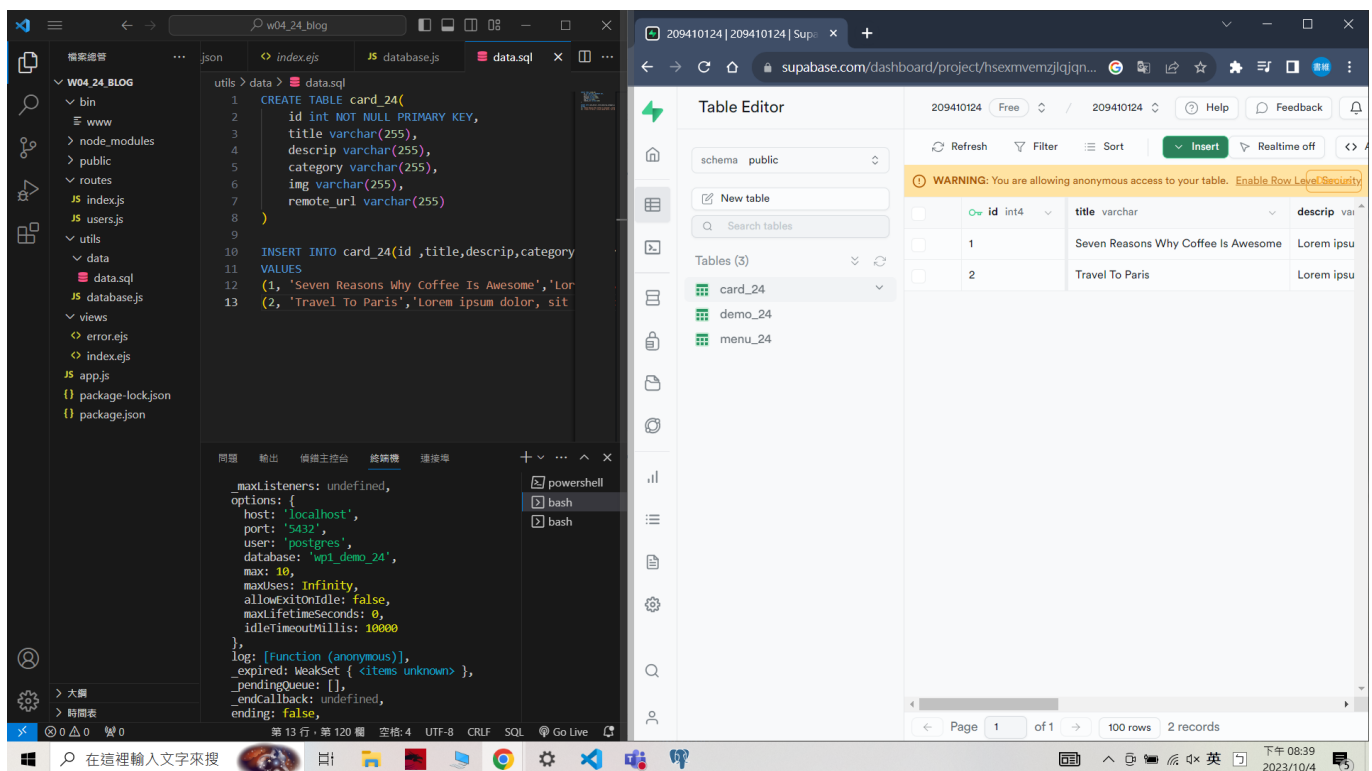
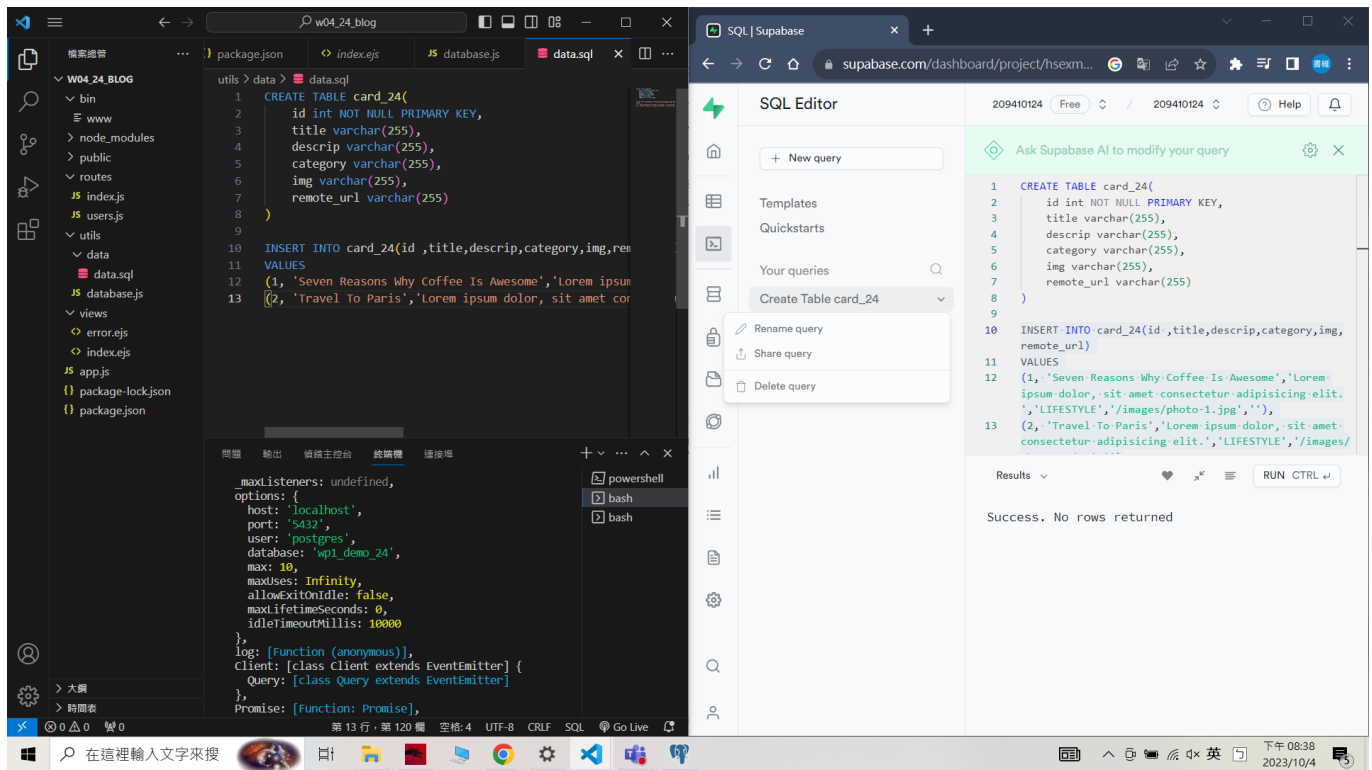

```
_maxListeners: undefined,
options: {
  host: 'localhost',
  port: '5432',
  user: 'postgres',
  database: 'wp1_demo_24',
  max: 10,
  maxUses: Infinity,
  allowExitOnIdle: false,
  maxLifetimeSeconds: 0,
  idleTimeoutMillis: 10000
},
log: [Function (anonymous)],
_expired: WeakSet { <items unknown> },
_pendingQueue: [],
_endCallback: undefined,
ending: false,
```
- pgAdmin 4:**
 - Object Explorer:** Shows the database schema with tables like `card_24`.
 - Query Editor:** Displays the SQL query:


```
1 SELECT * FROM public.card_24
2 ORDER BY id ASC
```
 - Data Output:** Shows the results of the query:

id	title	descrip
1	Seven Reasons Why Coffee Is Awesome	Lorem ipsum dolor, sit amet con...
2	Travel To Paris	Lorem ipsum dolor, sit amet con...

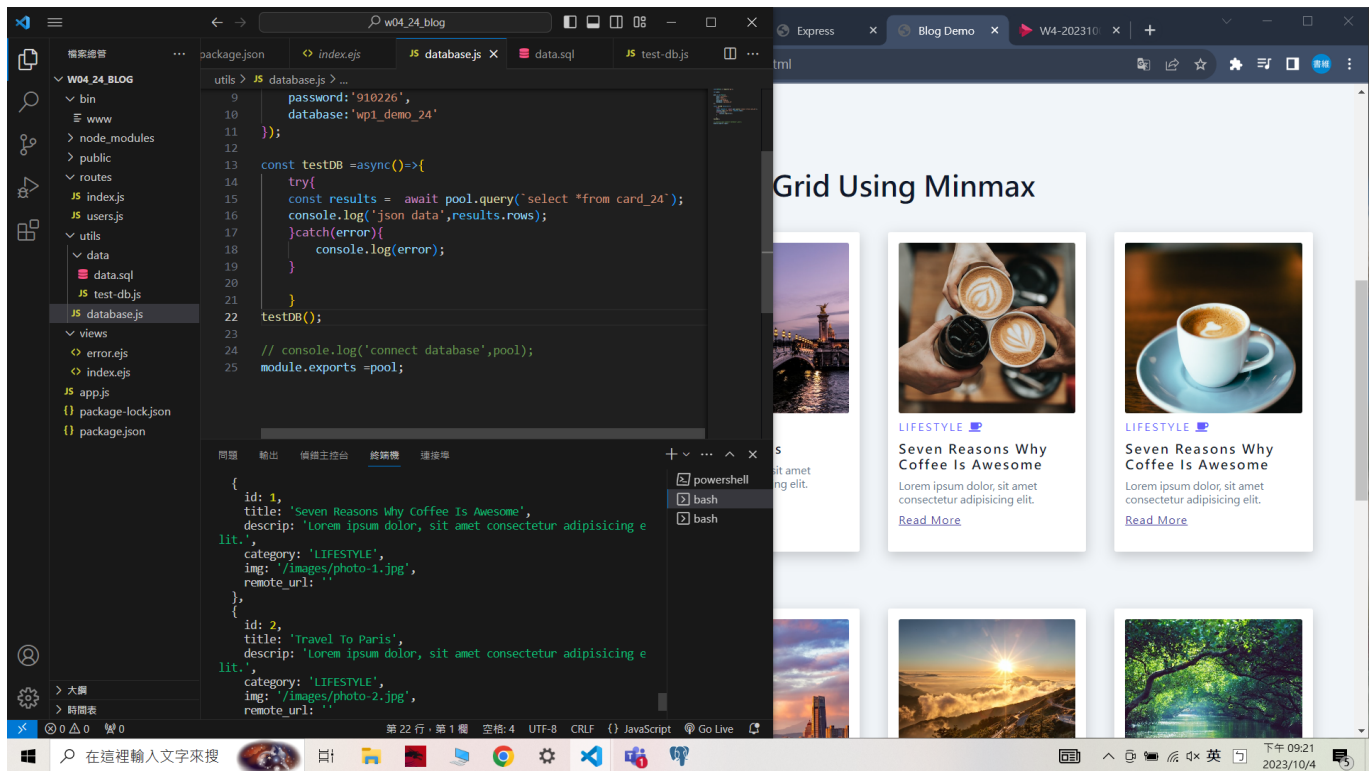
2c2f3ab unknown Wed Oct 4 20:49:29 2023 +0800 ### W04-P2: Using SQL to create table card_xx, and insert two data

W04-P3: Using Supabase SQL editor to create table card_xx, and insert two data



25d5fcf unknown Wed Oct 4 20:51:37 2023 +0800 W04-P3: Using Supabase SQL editor to create table card_xx, and insert two data

W04-P4: Use JavaScript code to get card_xx data from local wp1_demo_xx database

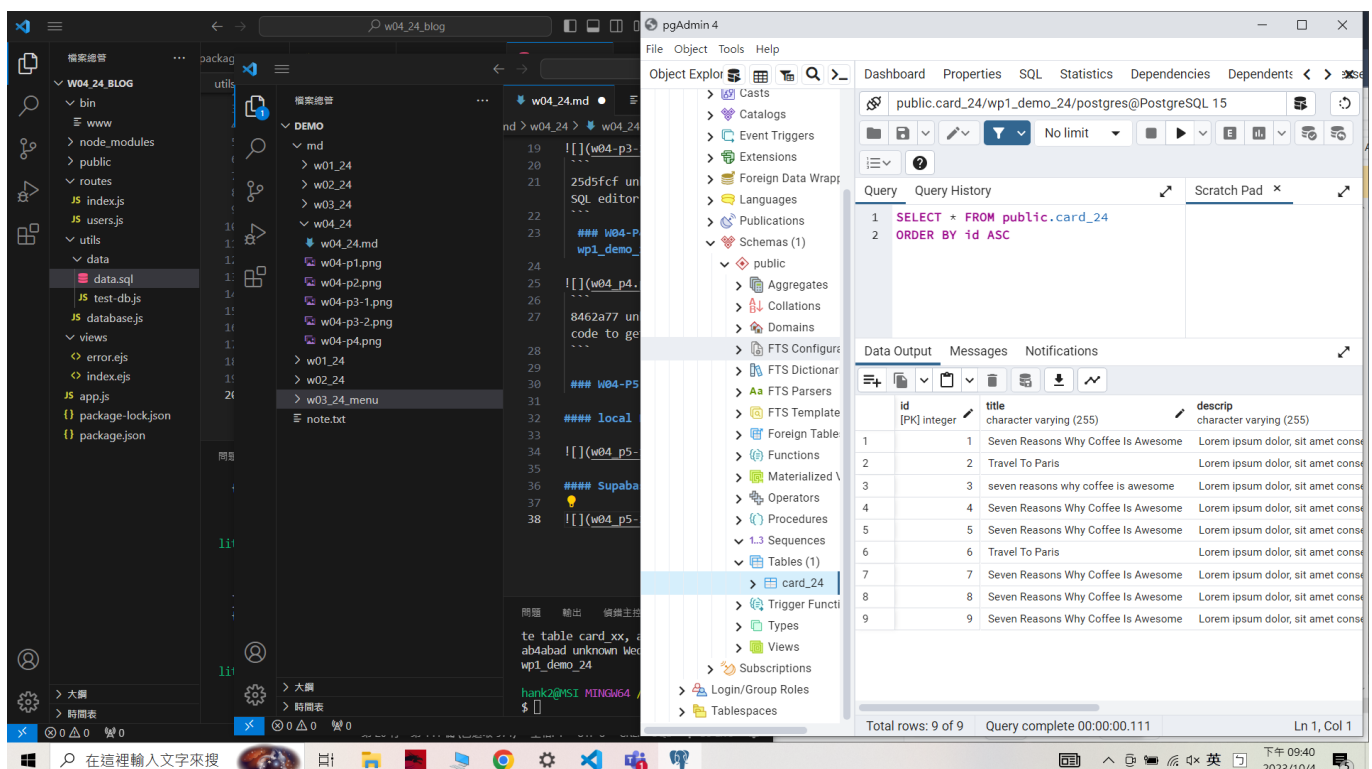


8462a77 unknown Wed Oct 4 21:22:51 2023 +0800

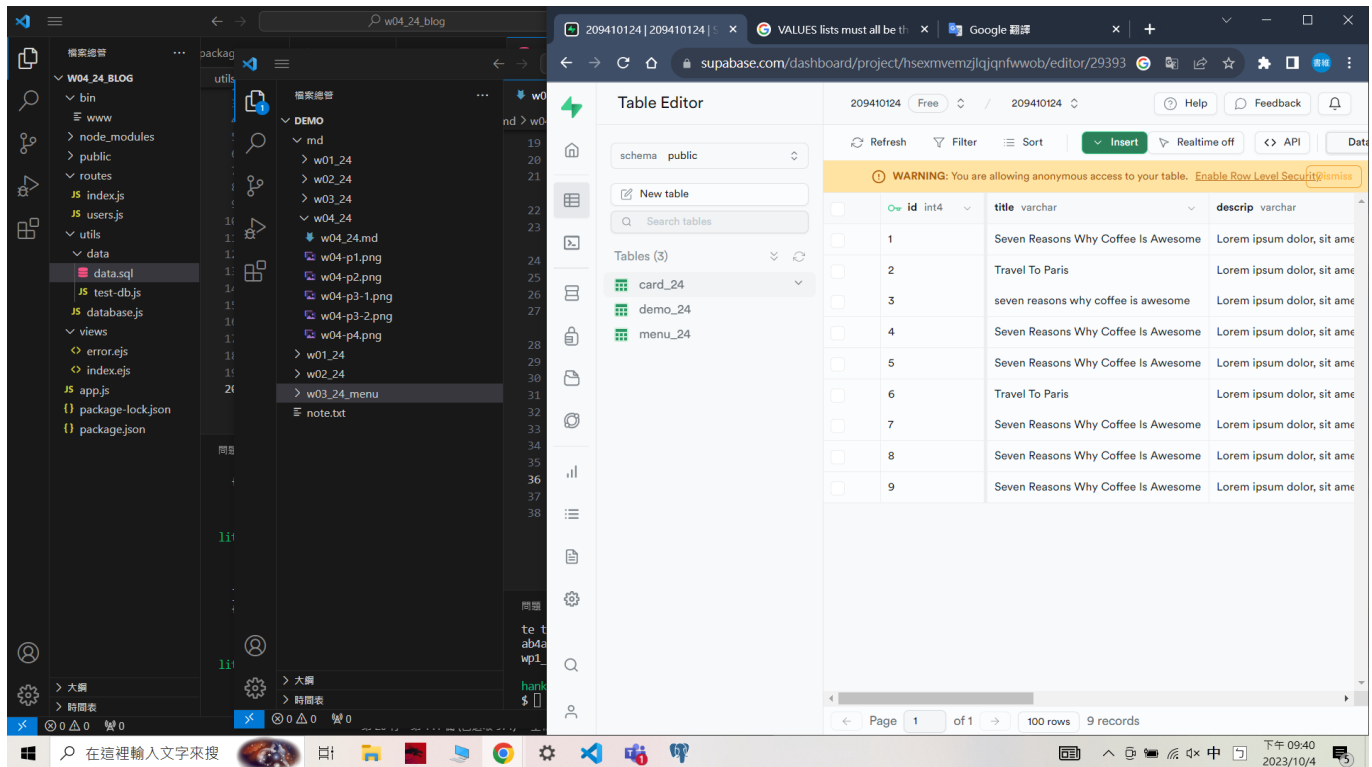
W04-P4: Use JavaScript code to get card_xx data from local wp1_demo_xx databas

W04-P5: Show 9 data in both local PostgreSQL and Supabase

local PostgreSQL

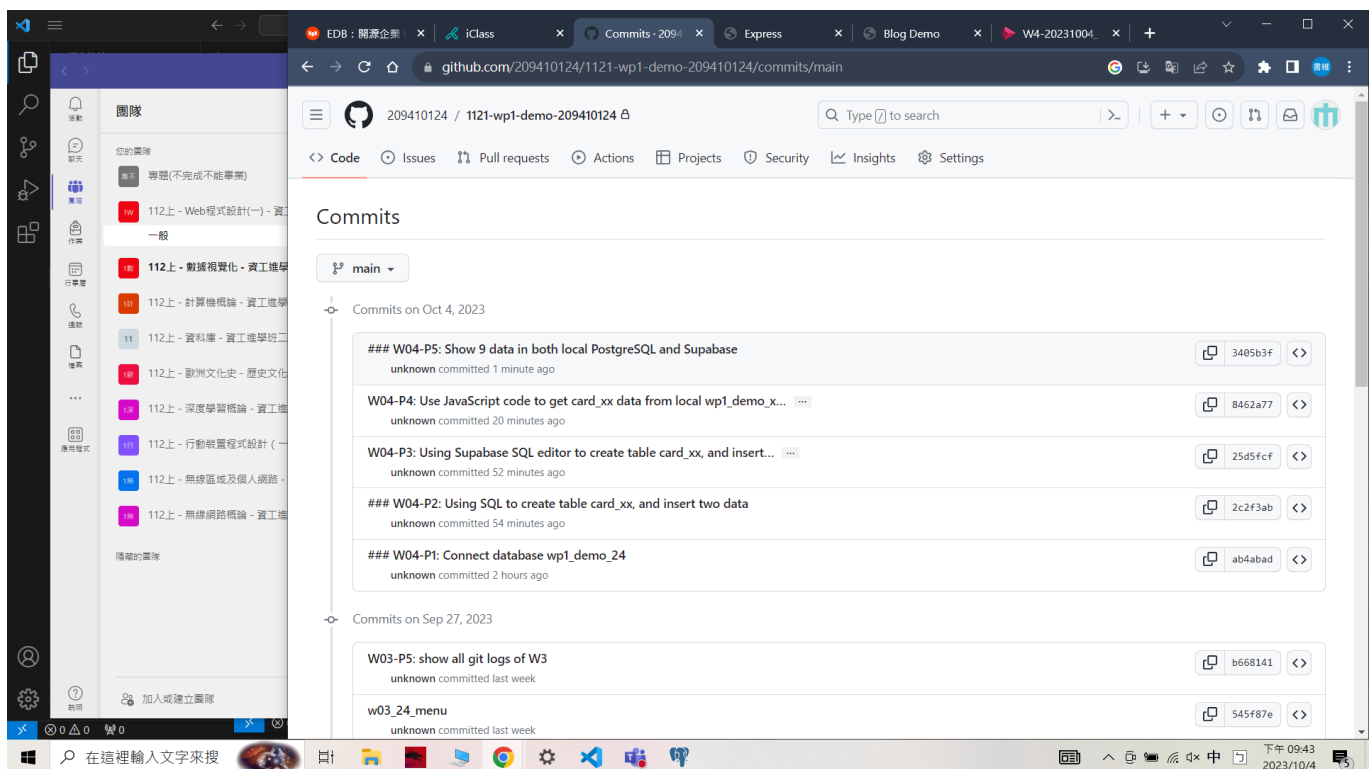


Supabase



3405b3f unknown Wed Oct 4 21:42:04 2023 +0800 ### W04-P5: Show 9 data in both local PostgreSQL and Supabase

W04-P6: W4 all logs



git log

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-10-03"
3405b3f unknown Wed Oct 4 21:42:04 2023 +0800   ### W04-P5: Show 9 data in both
local PostgreSQL and Supabase
8462a77 unknown Wed Oct 4 21:22:51 2023 +0800   W04-P4: Use JavaScript code to get
card_xx data from local wp1_demo_xx databas
25d5fcf unknown Wed Oct 4 20:51:37 2023 +0800   W04-P3: Using Supabase SQL editor
to create table card_xx, and insert two data
2c2f3ab unknown Wed Oct 4 20:49:29 2023 +0800   ### W04-P2: Using SQL to create
table card_xx, and insert two data
ab4abad unknown Wed Oct 4 19:44:53 2023 +0800   ### W04-P1: Connect database
wp1_demo_24
```