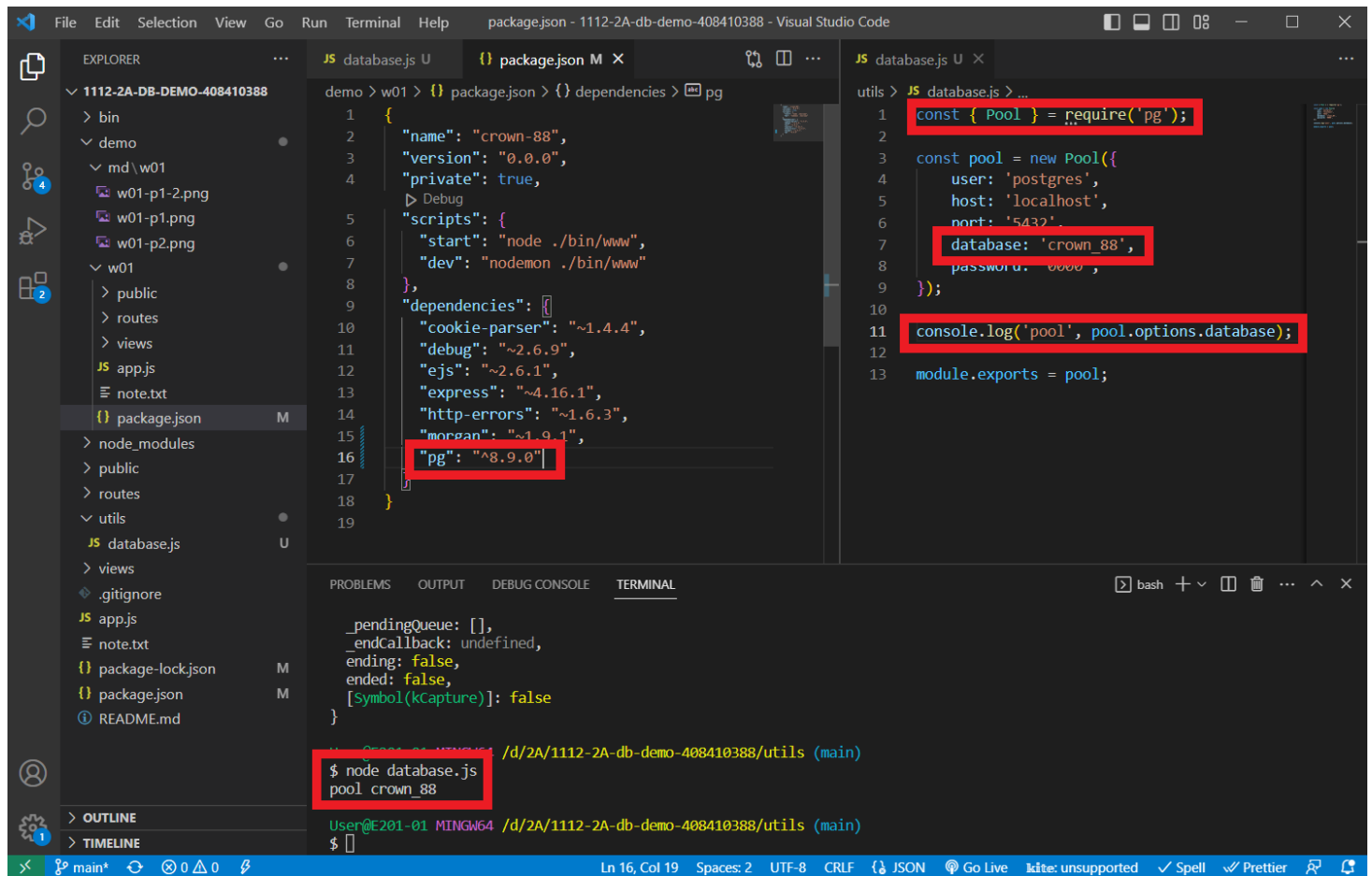


My Github repo URL

W02-P1: 資料庫連線及測試連線，要顯示資料庫 crown_88 名稱



```
demo > w01 > {} package.json > {} dependencies > pg
1 {
2   "name": "crown-88",
3   "version": "0.0.0",
4   "private": true,
5   "scripts": {
6     "start": "node ./bin/www",
7     "dev": "nodemon ./bin/www"
8   },
9   "dependencies": {
10    "cookie-parser": "~1.4.4",
11    "debug": "~2.6.9",
12    "ejs": "~2.6.1",
13    "express": "~4.16.1",
14    "http-errors": "~1.6.3",
15    "morgan": "~1.9.1",
16    "pg": "^8.9.0"
17  }
18 }
19 }
```

```
utils > JS database.js > ...
1 const { Pool } = require('pg');
2
3 const pool = new Pool({
4   user: 'postgres',
5   host: 'localhost',
6   port: '5432',
7   database: 'crown_88',
8   password: '0000',
9 });
10
11 console.log('pool', pool.options.database);
12
13 module.exports = pool;
```

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
bash
_pendingQueue: [],
_endCallback: undefined,
ending: false,
ended: false,
[Symbol(kCapture)]: false
}
$ node database.js
pool crown_88
```

W02-P2: 邀請老師與助教

W02-P3: 建立路由 /crown_xx 顯示 crown_xx/index.ejs

The image shows two side-by-side screenshots. The left screenshot is from Visual Studio Code, displaying the file explorer on the left with 'views/crown_88/index.ejs' selected. The main editor shows the content of 'index.ejs', which includes a loop to render menu items. A red box highlights the line: `<h1><%= title %>, <%= ID %></h1>`. The bottom terminal shows the output of a git push command. The right screenshot is a web browser at 'localhost:3000/crown_88'. It displays a web application with a crown icon in the header, navigation links (Shop, Contact, Sign In), and a user name '姚昌佑, 408410388'. Below the header are four product cards: 'HATS SHOP NOW', 'JACKETS SHOP NOW', 'SNEAKERS SHOP NOW', and 'WOMENS SHOP NOW'. A red box highlights the user name in the browser.

W02-P4: create table crown_88 using SQL commands

The image shows two side-by-side screenshots. The left screenshot is from Visual Studio Code, displaying the file explorer on the left with 'category_88.sql' selected. The main editor shows the content of 'category_88.sql', which contains the SQL command to create the 'category_88' table. A red box highlights the table creation command. The bottom terminal shows the output of a git push command. The right screenshot is from pgAdmin 4, displaying the 'Schemas (1)' tree on the left with 'public' selected. The 'Tables (1)' section shows 'category_88' with 6 columns: 'id', 'name', 'size', 'local_url', 'remote_url', and 'link_url'. A red box highlights the 'category_88' table. The right pane shows the 'CREATE TABLE' command and the message 'Query returned successfully in 51 msec.'.

W02-P5: insert 5 data into category_88 using SQL commands

The screenshot shows a database management tool interface. On the left, a tree view displays the database structure, with 'category_88' selected under 'Tables (1)'. The main pane shows the table's schema and data. The schema includes columns: id (PK integer), name (character varying (255)), size (character varying (20)), local_url (character varying (255)), remote_url (character varying (255)), and link_url (character varying (255)). The data output shows 5 rows of data.

| id | name | size | local_url | remote_url | link_url |
|----|----------|--------|----------------------------|--------------------------------------|-----------------------------|
| 1 | hats | [null] | /img/homepage/hats.png | https://i.libb.co/cvpntL1/hats.png | /crown2_88/shop_88/hats |
| 2 | jackets | [null] | /img/homepage/jackets.png | https://i.libb.co/px2tCc3/jackets... | /crown2_88/shop_88/jackets |
| 3 | sneakers | [null] | /img/homepage/sneakers.png | https://i.libb.co/0jqHnp/sneakers... | /crown2_88/shop_88/sneakers |
| 4 | womens | large | /img/homepage/womens.png | https://i.libb.co/GCCdy8t/wome... | /crown2_88/shop_88/womens |
| 5 | mens | large | /img/homepage/mens.png | https://i.libb.co/R70vBrQ/men.p... | /crown2_88/shop_88/mens |

W02-P6: backup crown_88 database, and restore the data into another database crown2_88

The screenshot shows the same database management tool interface, but now the 'category_88' table is selected under 'Tables (1)' in the 'crown2_88' database. The schema and data output are identical to the previous screenshot.

| id | name | size | local_url | remote_url | link_url |
|----|----------|--------|----------------------------|---------------------------------------|-----------------------------|
| 1 | hats | [null] | /img/homepage/hats.png | https://i.libb.co/cvpntL1/hats.png | /crown2_88/shop_88/hats |
| 2 | jackets | [null] | /img/homepage/jackets.png | https://i.libb.co/px2tCc3/jackets.png | /crown2_88/shop_88/jackets |
| 3 | sneakers | [null] | /img/homepage/sneakers.png | https://i.libb.co/0jqHnp/sneakers.png | /crown2_88/shop_88/sneakers |
| 4 | womens | large | /img/homepage/womens.png | https://i.libb.co/GCCdy8t/womens.png | /crown2_88/shop_88/womens |
| 5 | mens | large | /img/homepage/mens.png | https://i.libb.co/R70vBrQ/men.png | /crown2_88/shop_88/mens |

Github logs of Week 02

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-2-13"
c4b2eca htchung Thu Feb 23 13:10:51 2023 +0800 add dev/w02-db code for week 2 classdemo
098178c htchung Wed Feb 22 15:02:29 2023 +0800 W02-P3: 建立路由 /crown_xx 顯示 crown_xx/index.ejs
5fa19d5 htchung Wed Feb 22 13:18:26 2023 +0800 add demo/w11 code
738f5e7 htchung Wed Feb 22 12:33:43 2023 +0800 add dev/1102 classdemo
```