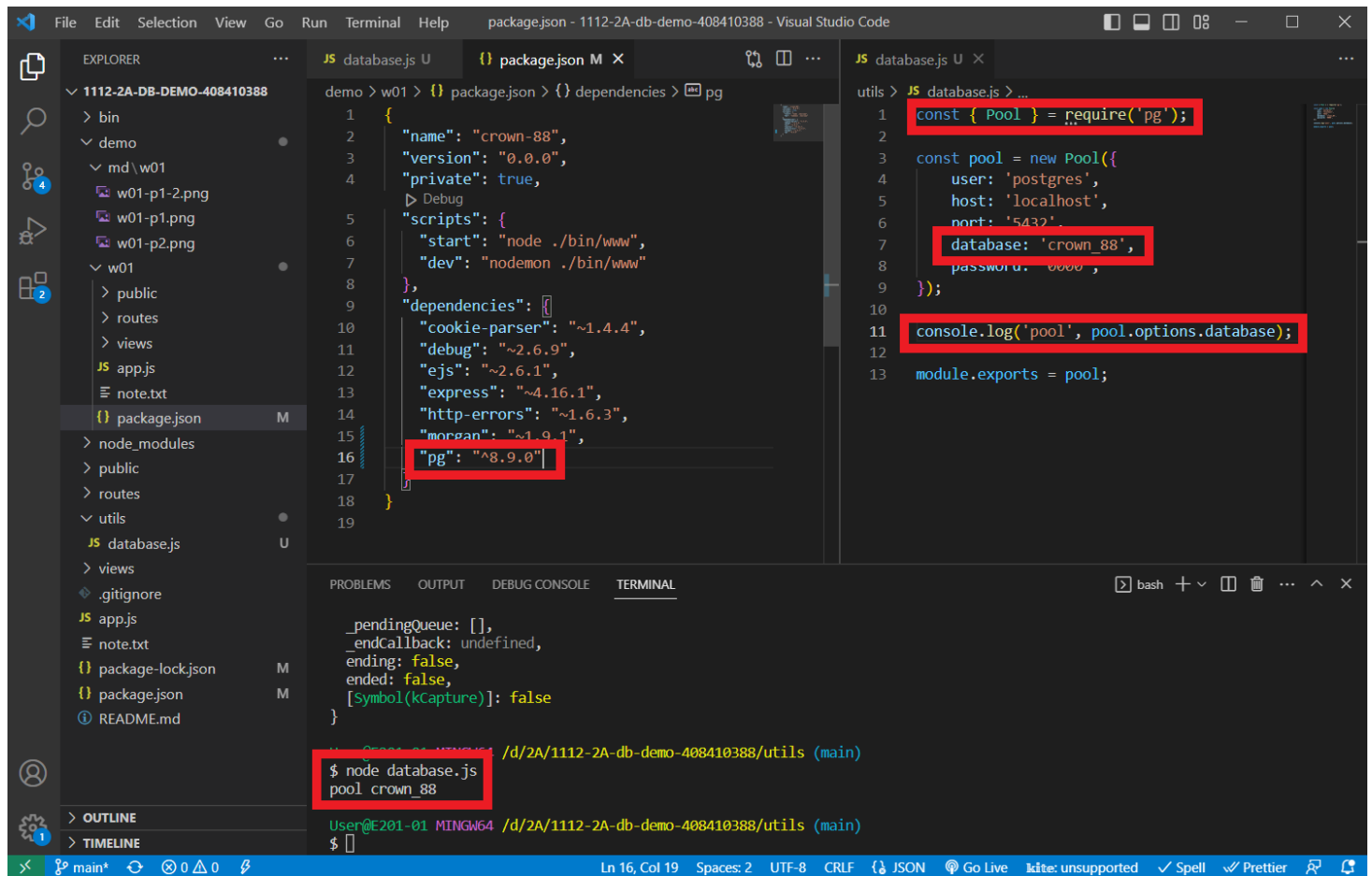


My Github repo URL

W02-P1: 資料庫連線及測試連線，要顯示資料庫 crown_88 名稱



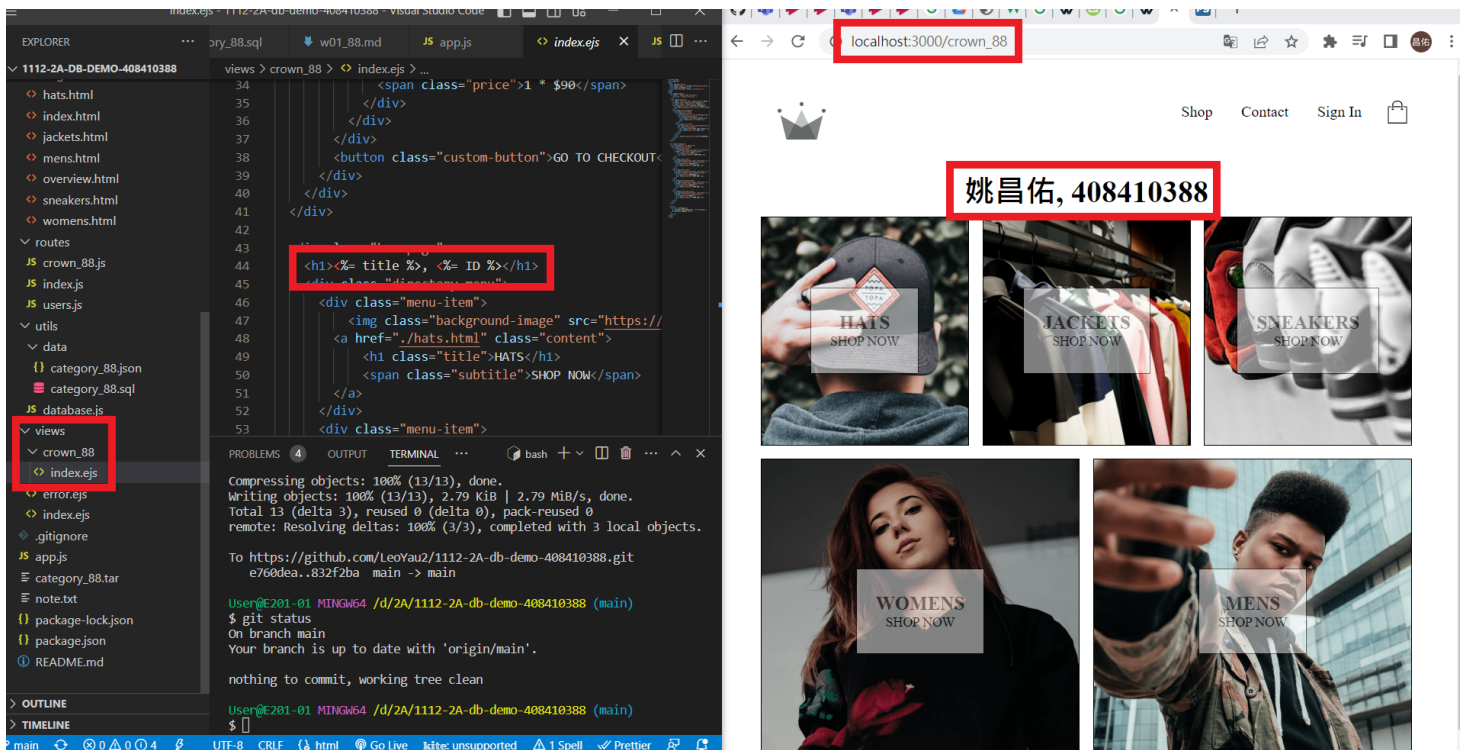
```
demo > w01 > {} package.json > {} dependencies > pg
1 {
2   "name": "crown-88",
3   "version": "0.0.0",
4   "private": true,
5   "scripts": {
6     "start": "node ./bin/www",
7     "dev": "nodemon ./bin/www"
8   },
9   "dependencies": {
10    "cookie-parser": "~1.4.4",
11    "debug": "~2.6.9",
12    "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;
```

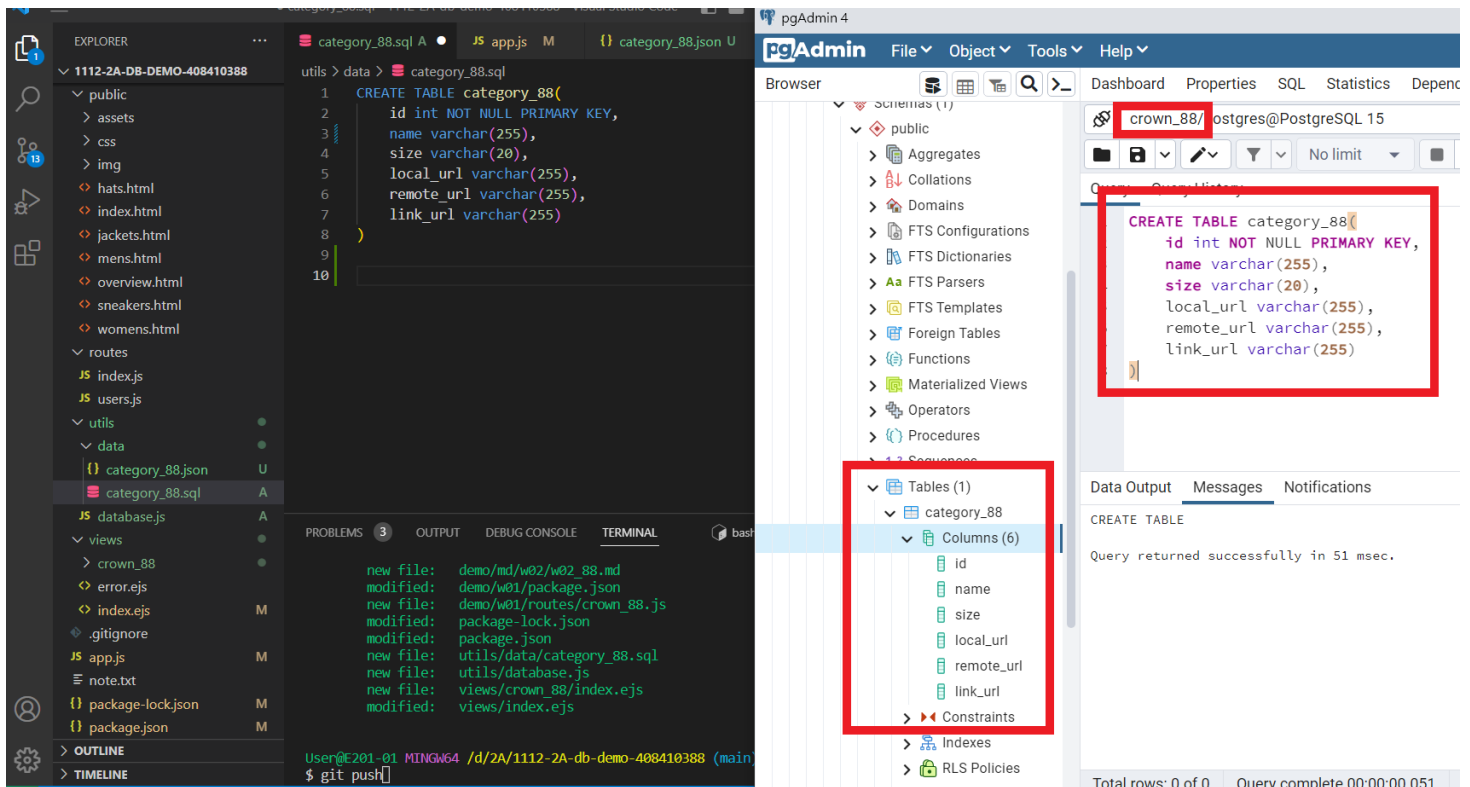
```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
bash
_pendingQueue: [],
_endCallback: undefined,
ending: false,
ended: false,
[Symbol(kCapture)]: false
}
$ node database.js
pool crown_88
```

W02-P2: 邀請老師與助教

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



W02-P4: create table crown_88 using SQL commands



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

pgAdmin 4

pgAdmin File Object Tools Help

Browser

Schemas (1)

- public
 - Aggregates
 - Collations
 - Domains
 - FTS Configurations
 - FTS Dictionaries
 - FTS Parsers
 - FTS Templates
 - Foreign Tables
 - Functions
 - Materialized Views
 - Operators
 - Procedures
 - Sequences
 - Tables (1)**
 - category_88**
 - Columns
 - Constraints
 - Indexes
 - RLS Policies
 - Rules
 - Triggers
 - Trigger Functions
 - Types
 - Views
- Subscriptions

public.category_88/crown_88/postgres@PostgreSQL 15

100 rows

Query

```
1 SELECT * FROM public.category_88
2 ORDER BY id ASC LIMIT 100
3
```

Data Output

	id	name	size	local_url	remote_url
	[PK] integer	character varying (255)	character varying (20)	character varying (255)	character varying (255)
1	1	hats	[null]	/img/homepage/hats.png	https://i.ibb.co/cvpntL1/hats.pr
2	2	jackets	[null]	https://i.ibb.co/px2tCc3/jackets.png	/img/homepage/jackets.png
3	3	sneakers	[null]	https://i.ibb.co/0jqHnp/sneakers.png	/img/homepage/sneakers.png
4	4	womens	large	https://i.ibb.co/GCCdy8t/womens.png	/img/homepage/womens.png
5	5	mens	large	https://i.ibb.co/R70vBrQ/men.png	/img/homepage/mens.png

Total rows: 5 of 5 Query complete 00:00:00.386 Changes staged: Updated: 2 Ln 3, Col 1

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

The screenshot shows the pgAdmin 4 web interface. On the left, the 'Browser' pane displays a tree view of the database structure. The 'category_88' table is selected under the 'Tables (1)' folder. The main pane shows a SQL query: `SELECT * FROM public.category_88 ORDER BY id ASC`. Below the query, the 'Data Output' tab displays the results of the query in a table format. The table has six columns: `id`, `name`, `size`, `local_url`, and `remote_url`. The results show five rows of data.

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

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
```