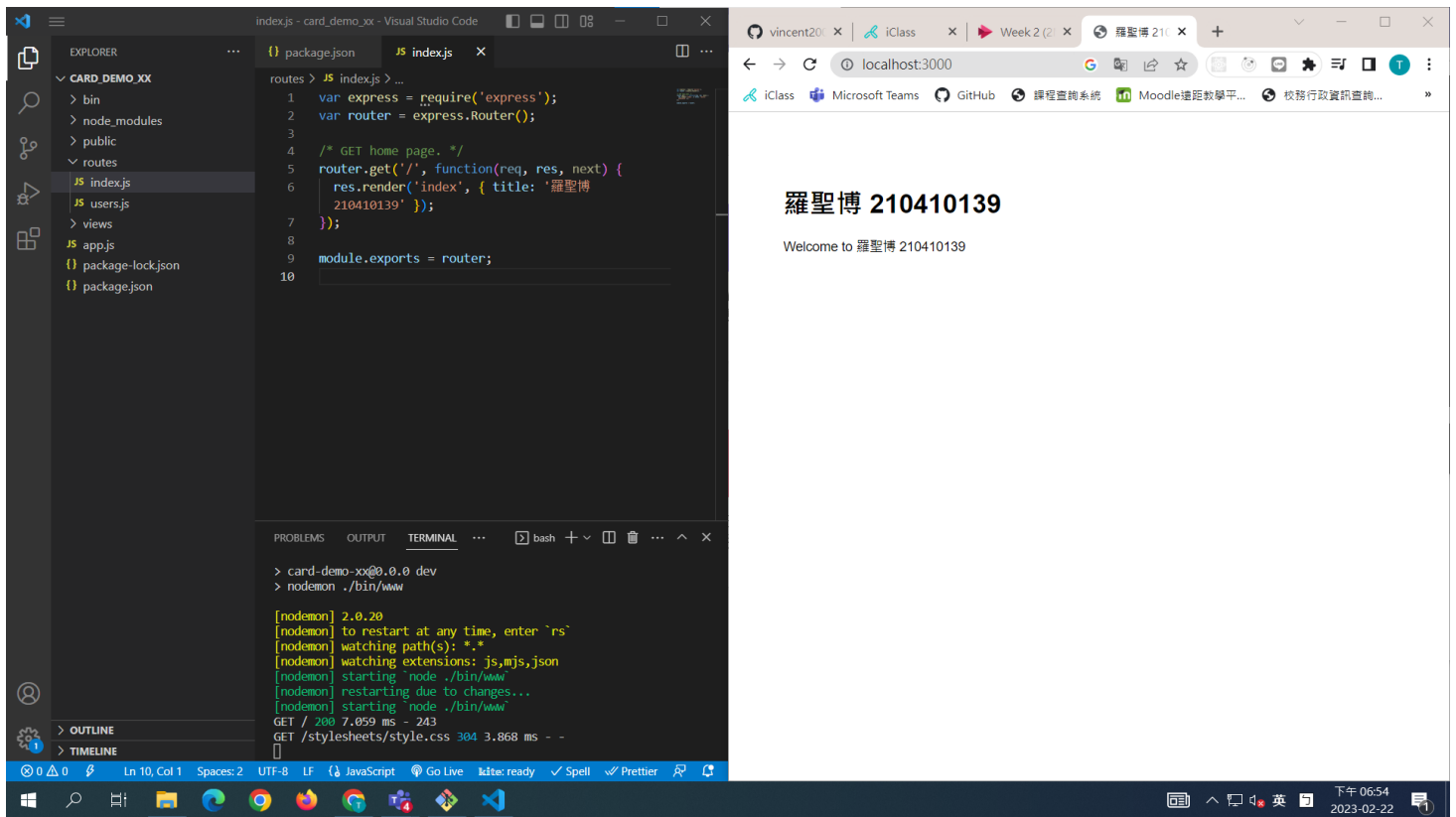
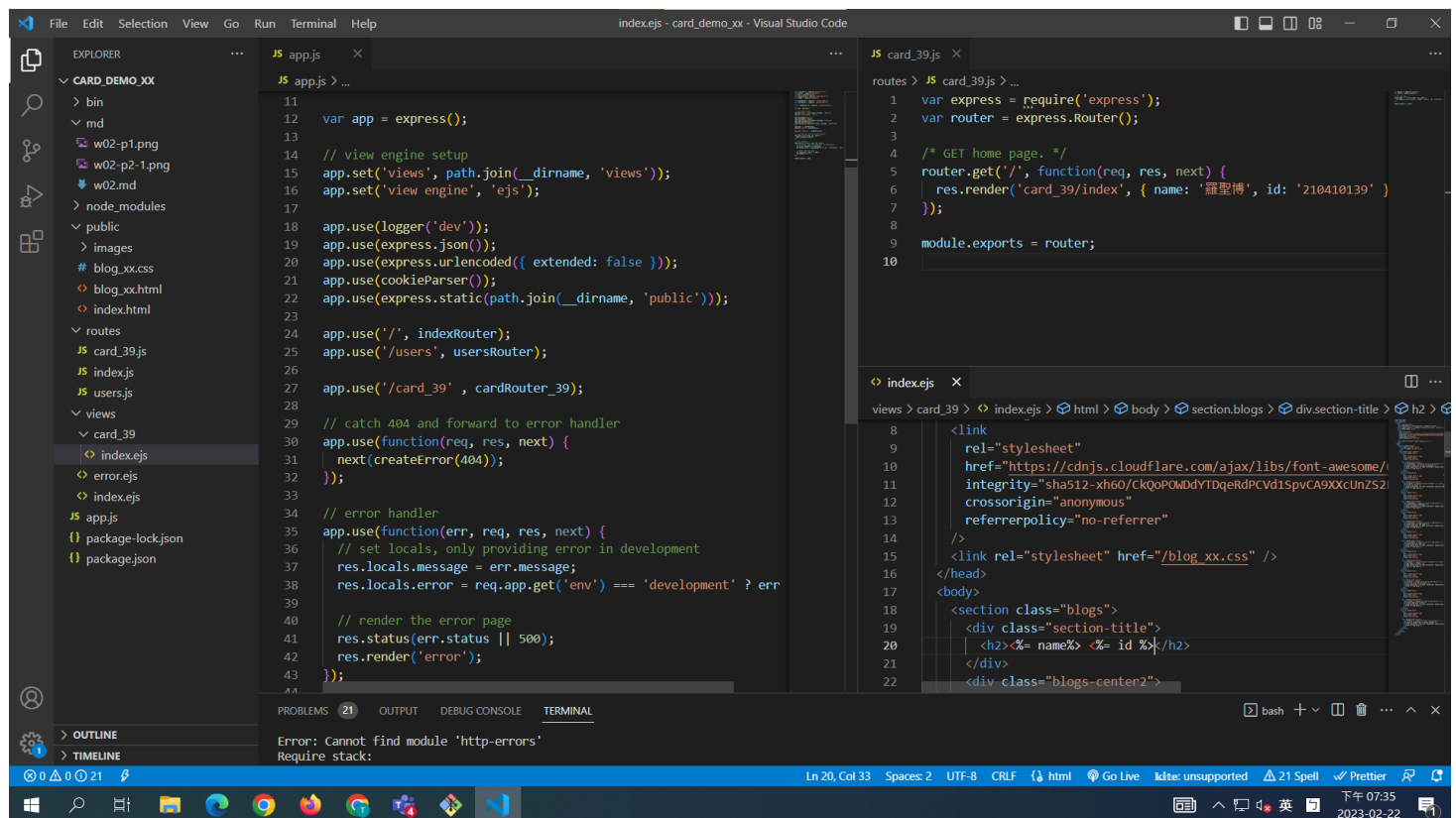
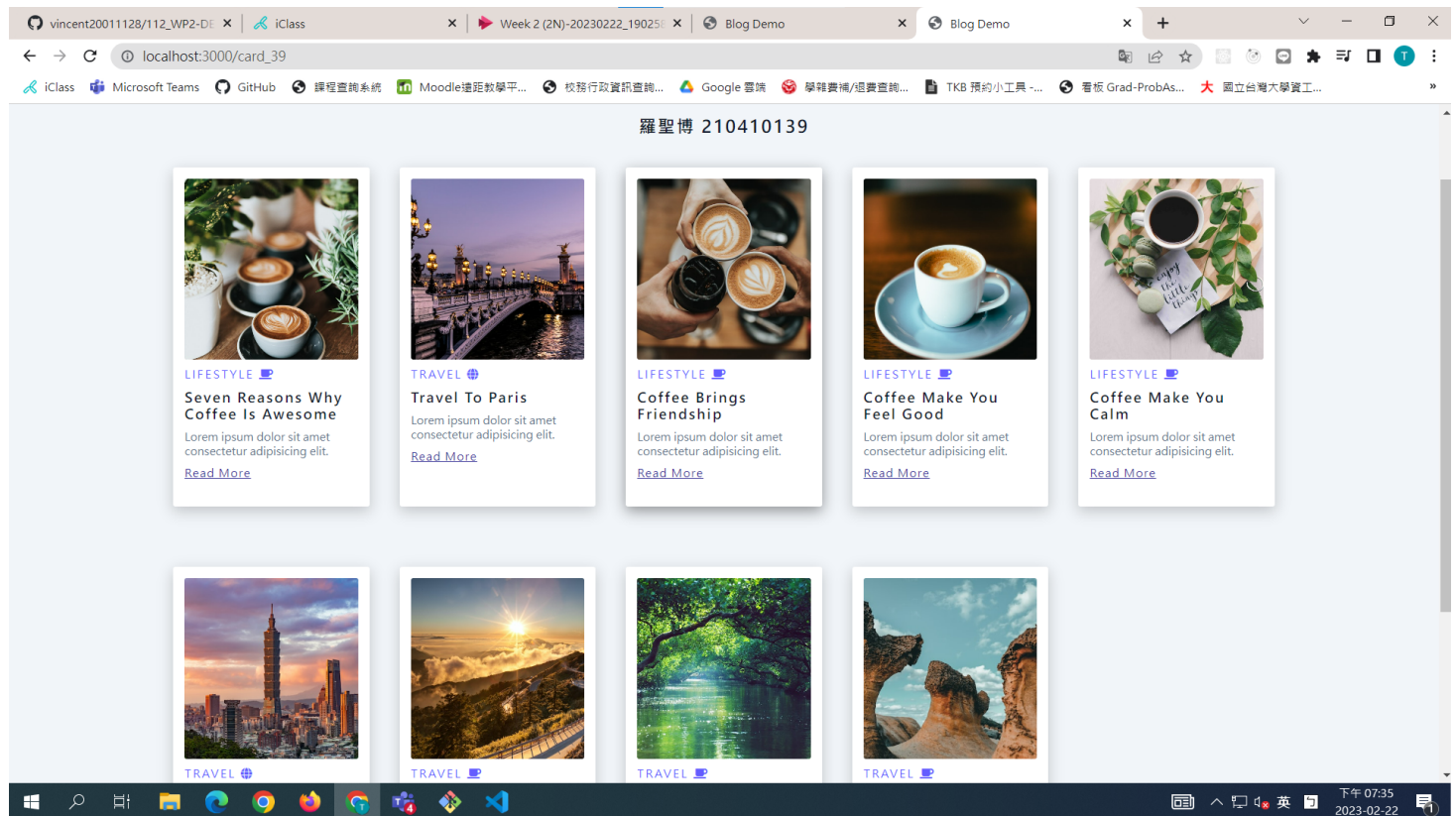


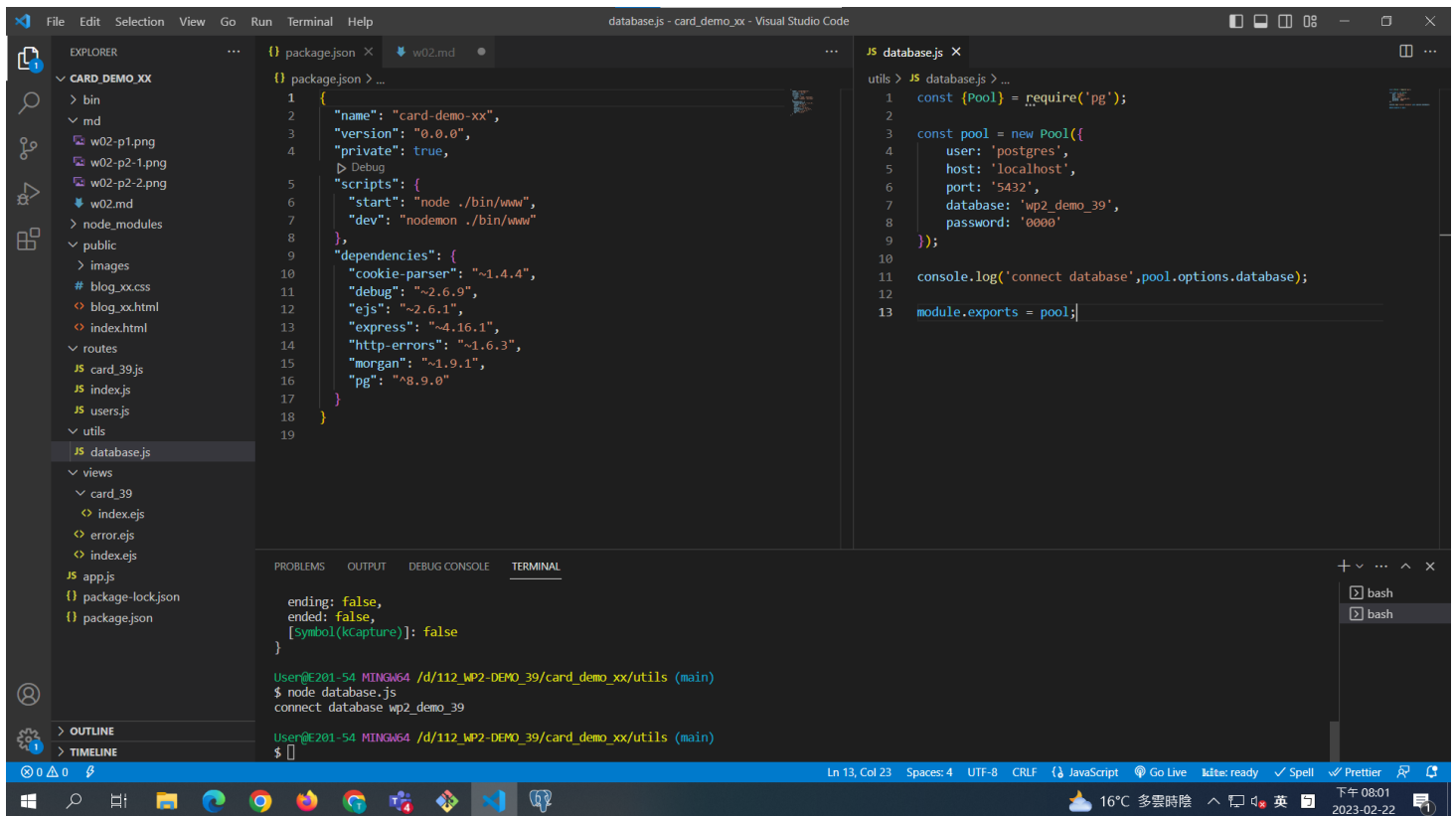
W02-P1: Use express generator to create a server side framework, and display your info



W02-P2: show static page of card demo with your info



W02-P3: database connection to wp2_demo_xx



```
package.json
{
  "name": "card-demo-xx",
  "version": "0.0.0",
  "private": true,
  "scripts": {
    "start": "node ./bin/www",
    "dev": "nodemon ./bin/www"
  },
  "dependencies": {
    "cookie-parser": "~1.4.4",
    "debug": "~2.6.9",
    "ejs": "~2.6.1",
    "express": "~4.16.1",
    "http-errors": "~1.6.3",
    "morgan": "~1.9.1",
    "pg": "^8.9.0"
  }
}
```

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

const pool = new Pool({
  user: 'postgres',
  host: 'localhost',
  port: '5432',
  database: 'wp2_demo_39',
  password: '0000'
});

console.log('connect database', pool.options.database);

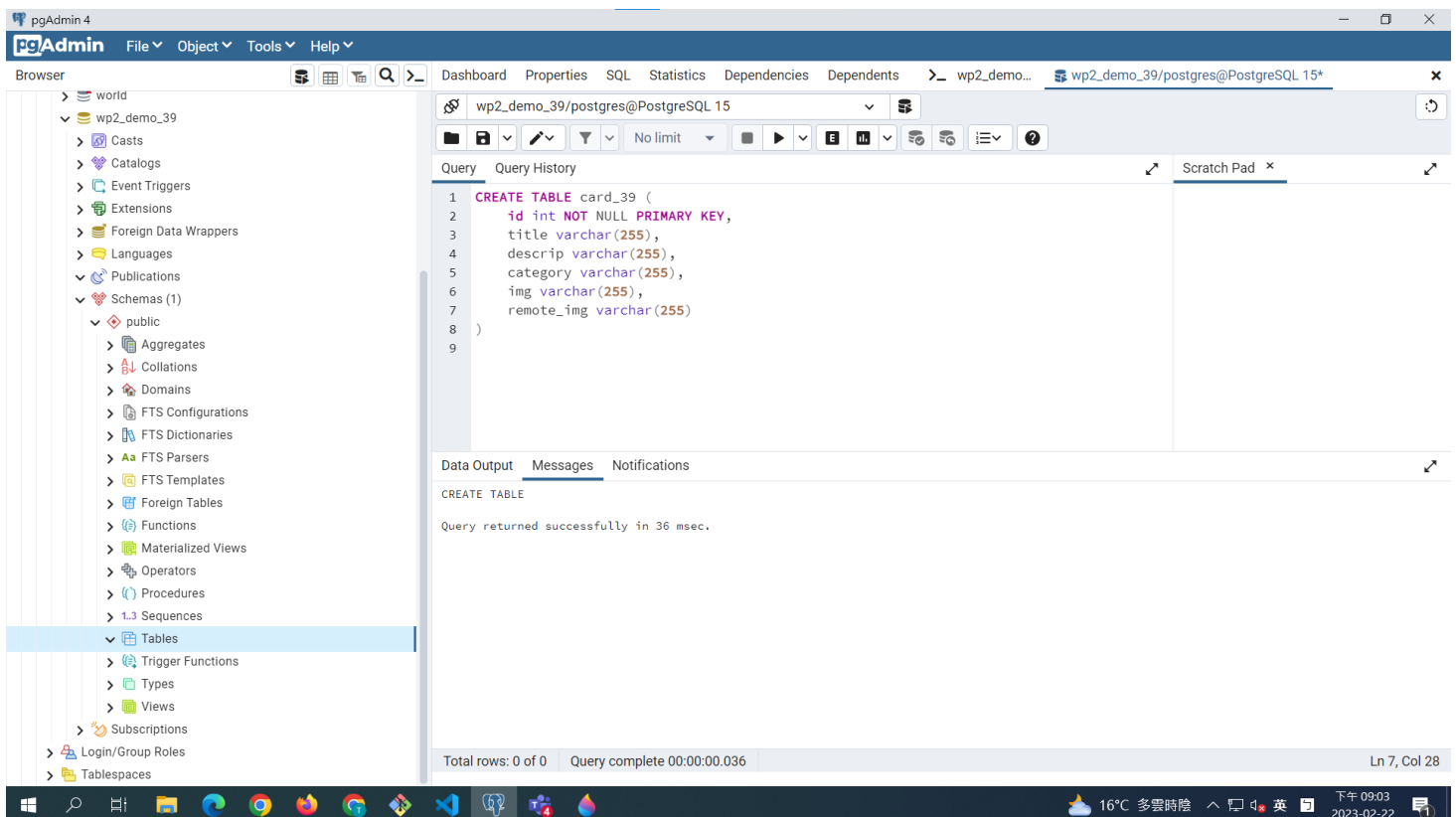
module.exports = pool;
```

```
terminal
ending: false,
ended: false,
[symbol(kCapture)]: false
}

User@E201-54 MINGW64 /d/112_WP2-DEMO_39/card_demo_xx/ (main)
$ node database.js
connect database wp2_demo_39

User@E201-54 MINGW64 /d/112_WP2-DEMO_39/card_demo_xx/ (main)
$
```

W02-P4: create table card_xx with 2 data



```
wp2_demo_39/postgres@PostgreSQL 15
CREATE TABLE card_39 (
  id int NOT NULL PRIMARY KEY,
  title varchar(255),
  descrip varchar(255),
  category varchar(255),
  img varchar(255),
  remote_img varchar(255)
);
```

```
Messages
CREATE TABLE
Query returned successfully in 36 msec.
```

```
Total rows: 0 of 0 Query complete 00:00:00.036 Ln 7, Col 28
```

data.sql - card_demo_xx - Visual Studio Code

EXPLORER

CARD_DEMO_XX

- bin
- md
 - w02-p1.png
 - w02-p2-1.png
 - w02-p2-2.png
 - w02-p3.png
 - w02-p4-1.png
- w02.md
- node_modules
- public
 - images
 - blog_xx.css
 - blog_xx.html
 - index.html
- routes
 - card_39.js
 - index.js
 - users.js
- utils
 - data
 - data.sql
- views
 - card_39
 - index.ejs
 - error.ejs
 - index.ejs
- app.js
- package-lock.json
- package.json

data.sql

- utils > data > data.sql

```
'travel','/images/photo-7.jpg','https://
khrbtxhvkdfbtumahmyi.supabase.co/storage/v1/
object/public/demo-39/card-39/photo-7.jpg'),
(8,'Serene Lake With Trees','Lorem ipsum dolor
sit amet consectetur adipisicing elit.',
'travel','/images/photo-8.jpg','https://
khrbtxhvkdfbtumahmyi.supabase.co/storage/v1/
object/public/demo-39/card-39/photo-8.jpg'),
(9,'Rocks Of Queen Head In Yehliu Taiwan',
'Lorem ipsum dolor sit amet consectetur
adipiscing elit.','travel','/images/photo-9
.jpg','https://khrbtxhvkdfbtumahmyi.supabase.co/
storage/v1/object/public/demo-39/card-39/
photo-9.jpg')
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

```
[Symbol(kCapture)]: false
}
User@E201-54 MINGW64 /d/112_WP2-DEMO_39/card_de
mo_xx/utils (main)
$ node database.js
connect database wp2_demo_39
User@E201-54 MINGW64 /d/112_WP2-DEMO_39/card_de
mo_xx/utils (main)
$
```

pgAdmin 4

pgAdmin

Browser

public.card_39/wp2_demo_39/postgres@PostgreSQL 15

Dashboard

Properties

SQL

Statistics

Dependencies

Deper

public

Aggregates

Collations

Domains

FTS Config

FTS Diction

FTS Parser

FTS Temple

Foreign Tab

Functions

Materialize

Operators

Procedures

Sequences

Tables (1)

card_39

- Column
- Const
- Index
- RLS P
- Rules
- Trigge
- Trigger Fun
- Types
- Views
- Subscriptions
- Login/Group Roles

Query

Query History

Scratch Pad

```
1 SELECT * FROM public.card_39
2 ORDER BY id ASC
```

Data Output

Messages

Notifications

	id	title	descrip
	[PK] integer	character varying (255)	character varying (255)
1	1	Seven Reasons Why Coffee Is Aweso...	Lorem ipsum dolor sit ame
2	2	Travel To Paris	Lorem ipsum dolor sit ame
3	3	Coffee Brings Friendship	Lorem ipsum dolor sit ame
4	4	Coffee Make You Feel Good	Lorem ipsum dolor sit ame
5	5	Coffee Make You Calm	Lorem ipsum dolor sit ame
6	6	101 Tower In Taipei	Lorem ipsum dolor sit ame
7	7	Sun Rise From The Mountain	Lorem ipsum dolor sit ame

Total rows: 9 of 9

Query complete 00:00:00.095

Ln 2, Col 17

Windows Taskbar

16°C 多雲時陰

下午 09:06

2023-02-22