

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

The screenshot shows a Visual Studio Code editor on the left and a web browser on the right. In VS Code, the file explorer on the left shows a project named 'CARD\_DEMO\_34' with a file named 'index.js' highlighted. The main editor displays the code for 'index.js', which uses Express.js to create a simple web server. The code includes the following lines:

```
1 var express = require('express');
2 var router = express.Router();
3
4 /* GET home page. */
5 router.get('/', function(req, res, next) {
6   res.render('index', { title: 'AIONG 201410634' });
7 });
8
9 module.exports = router;
```

The terminal at the bottom shows the command 'essfully' and the output of the server running on port 3000.

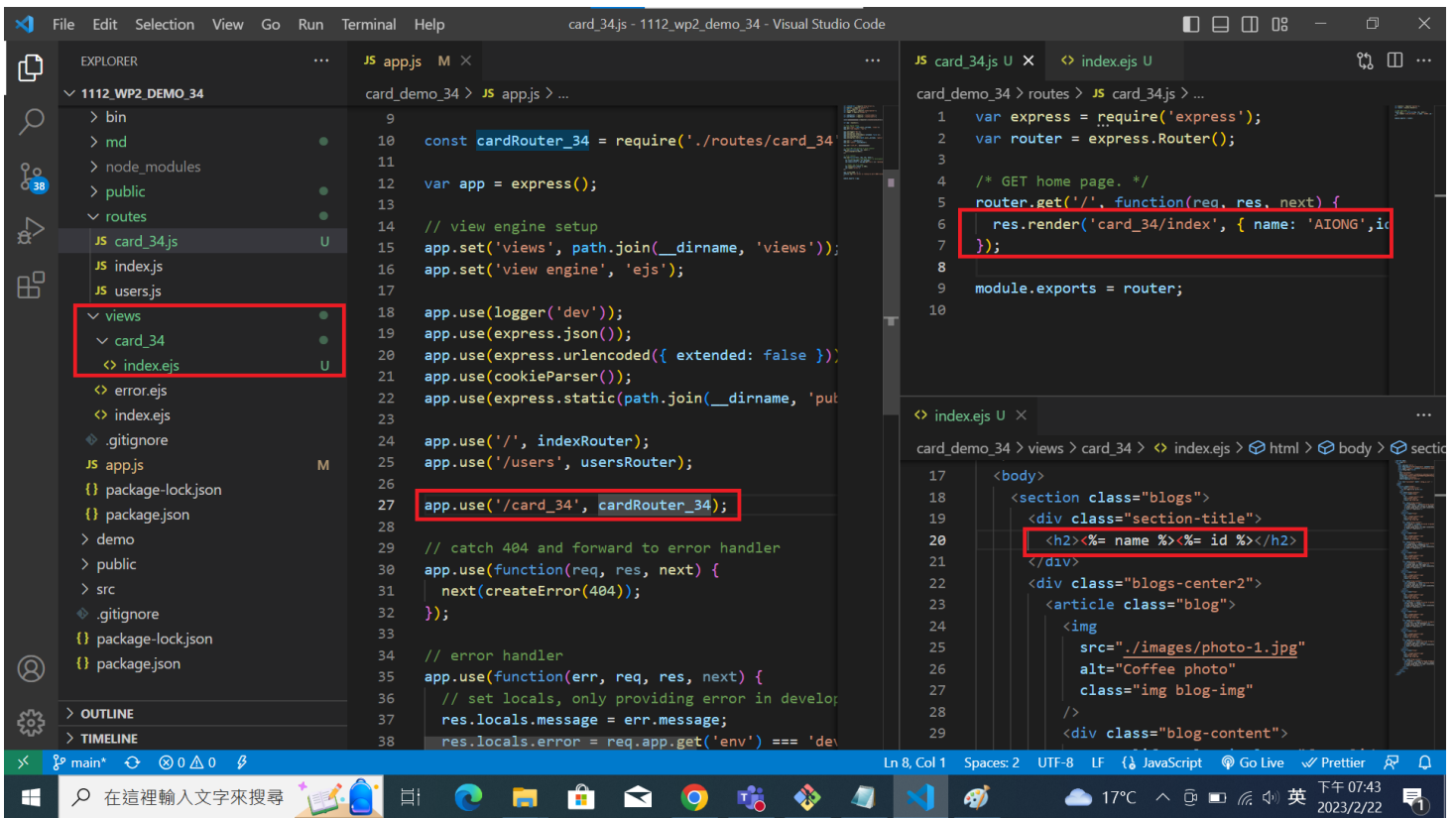
The web browser on the right shows the URL 'localhost:3000' in the address bar. The page displays the text 'AIONG 201410634' in a large font, with 'Welcome to AIONG 201410634' below it.

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

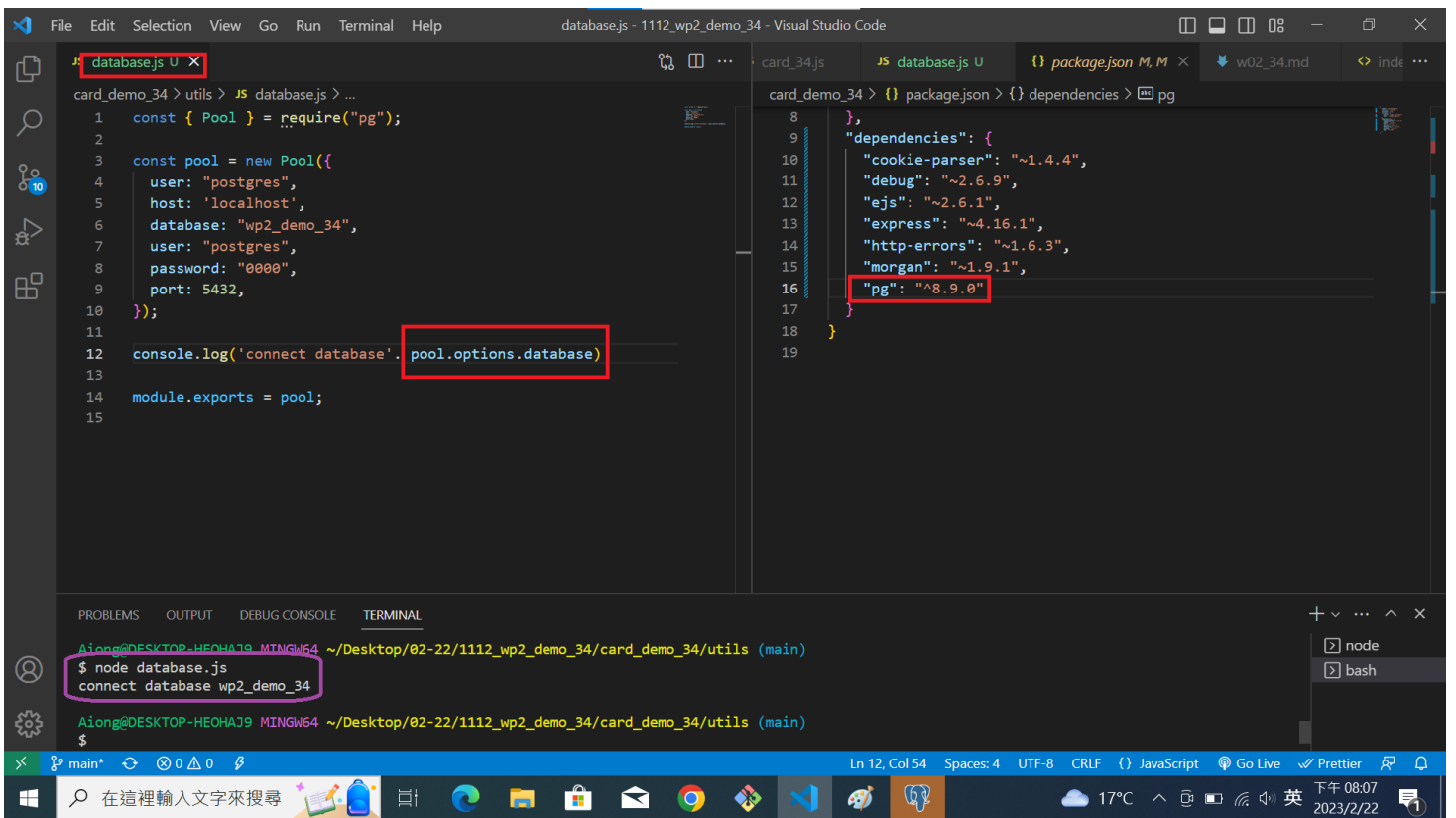
The screenshot shows a web browser displaying a static page at 'localhost:3000/card\_34'. The page features a header with the text 'AIONG 201410634'. Below the header is a grid of four cards, each with a different image and title:

- Card 1:** Image of coffee cups. Title: 'Seven Reasons Why Coffee Is Awesome'. Description: 'Lorem ipsum dolor sit amet consectetur adipiscing elit.' Link: 'Read More'.
- Card 2:** Image of a bridge at night. Title: 'Travel To Paris'. Description: 'Lorem ipsum dolor sit amet consectetur adipiscing elit.' Link: 'Read More'.
- Card 3:** Image of hands holding coffee cups. Title: 'Coffee Brings Friendship'. Description: 'Lorem ipsum dolor sit amet consectetur adipiscing elit.' Link: 'Read More'.
- Card 4:** Image of a cup of coffee. Title: 'Coffee Make You Feel Good'. Description: 'Lorem ipsum dolor sit amet consectetur adipiscing elit.' Link: 'Read More'.

The browser's taskbar at the bottom shows the time as 07:41 on 2023/2/22.



## W02-P3: database connection to wp2\_demo\_xx



## W02-P4: create table card\_xx with 2 data

The screenshot shows the pgAdmin 4 interface. In the left sidebar, the 'Tables (1)' folder is expanded, showing 'card\_34'. The 'Columns (6)' folder is also expanded, listing 'id', 'title', 'descrip', 'catagory', 'img', and 'remote\_img'. The main query editor shows the following SQL code:

```
CREATE TABLE card_34 (  
    id int NOT NULL PRIMARY KEY,  
    title varchar(255),  
    descrip varchar(255),  
    catagory varchar(255),  
    img varchar(255),  
    remote_img varchar(255)  
);
```

The 'Data Output' tab shows an error message: 'ERROR: relation "card\_34" already exists SQL state: 42P07'.

The screenshot shows the Visual Studio Code editor with a file named 'data.sql' open. The file contains the following SQL code:

```
INSERT INTO card_34 (id, title, descrip, catagory, img, remote_img)  
VALUES  
(1, 'Seven Reasons Why Coffee Is Awesome', 'Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-1.jpg', 'https://wkuwjlgjkovodskzcca.supabase.co/storage/v1/object/public/demo-34/card-34/photo-1.jpg'),  
(2, 'Travel To Paris', 'Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'travel', '/images/photo-2.jpg', 'https://wkuwjlgjkovodskzcca.supabase.co/storage/v1/object/public/demo-34/card-34/photo-2.jpg'),  
(3, 'Coffee Brings Friendship', 'Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-3.jpg', 'https://wkuwjlgjkovodskzcca.supabase.co/storage/v1/object/public/demo-34/card-34/photo-3.jpg'),  
(4, 'Coffee Make You Feel Good', 'Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-4.jpg', 'https://wkuwjlgjkovodskzcca.supabase.co/storage/v1/object/public/demo-34/card-34/photo-4.jpg'),  
(5, 'Coffee Make You Calm', 'Lorem ipsum dolor sit amet consectetur adipiscing elit.', 'lifestyle', '/images/photo-5.jpg', 'https://wkuwjlgjkovodskzcca.supabase.co/storage/v1/object/public/demo-34/card-34/photo-5.jpg');
```

The pgAdmin 4 interface shows the 'Query' tab with the following SQL code:

```
select * from card_34
```

The 'Data Output' tab shows the resulting data in the 'card\_34' table:

id	title	descrip
1	Seven Reasons Why Coffee Is Awesome	Lorem ipsum dolor sit amet consectetur adipiscing elit.
2	Travel To Paris	Lorem ipsum dolor sit amet consectetur adipiscing elit.
3	Coffee Brings Friendship	Lorem ipsum dolor sit amet consectetur adipiscing elit.
4	Coffee Make You Feel Good	Lorem ipsum dolor sit amet consectetur adipiscing elit.
5	Coffee Make You Calm	Lorem ipsum dolor sit amet consectetur adipiscing elit.

W02-P5:

pgAdmin 4

pgAdmin

FileObjectToolsHelp

Browser

Servers (1)

PostgreSQL 15

Databases (3)

postgres

wp2\_demo2\_34

wp2\_demo\_34

Login/Group Roles (13)

Tablespaces (2)

DashboardPropertiesSQLStatisticswp2\_demo\_34...DependenciesDependentsProcessespublic.ca

public.card\_34wp2\_demo\_34/postgres@PostgreSQL 15

No limit

QueryQuery HistoryScratch Pad

1SELECT \* FROM public.card\_34

2ORDER BY id ASC

Data OutputMessagesNotifications

	id	title	descrip	catagory	img
		character varying (255)	character varying (255)	character varying (255)	character varying
1	1	Seven Reasons Why Coffee Is Aweso...	Lorem ipsum dolor sit amet consectetur adipisicing el...	lifestyle	/images/photo-1...
2	2	Travel To Paris	Lorem ipsum dolor sit amet consectetur adipisicing el...	travel	/images/photo-2...
3	3	Coffee Brings Friendship	Lorem ipsum dolor sit amet consectetur adipisicing el...	lifestyle	/images/photo-3...
4	4	Coffee Make You Feel Good	Lorem ipsum dolor sit amet consectetur adipisicing el...	lifestyle	/images/photo-4...
5	5	Coffee Make You Calm	Lorem ipsum dolor sit amet consectetur adipisicing el...	lifestyle	/images/photo-5...
6	6	101 Tower In Taipei	Lorem ipsum dolor sit amet consectetur adipisicing el...	travel	/images/photo-6...
7	7	Sun Rise From The Mountain	Lorem ipsum dolor sit amet consectetur adipisicing el...	travel	/images/photo-7...
8	8	Serene Lake With Trees	Lorem ipsum dolor sit amet consectetur adipisicing el...	travel	/images/photo-8...
9	9	Rocks Of Queen Head In Yehliu Taiwan	Lorem ipsum dolor sit amet consectetur adipisicing el...	travel	/images/photo-9...

Total rows: 9 of 9Query complete 00:00:02.395Ln 2, Col 17

pgAdmin 4

pgAdmin

FileObjectToolsHelp

Browser

Domains

FTS Configurations

FTS Dictionaries

FTS Parsers

FTS Templates

Foreign Tables

Functions

Materialized Views

Operators

Procedures

Sequences

Tables (1)

card\_34

Columns

Constraints

Indexes

RLS Policies

Rules

Triggers

Trigger Functions

Types

Views

Subscriptions

Login/Group Roles (13)

DashboardPropertiesSQLStatisticswp2\_demo\_34...DependenciesDependentsProcessespublic.ca

public.card\_34wp2\_demo\_34/postgres@PostgreSQL 15

No limit

QueryQuery HistoryScratch Pad

1SELECT \* FROM public.card\_34

2ORDER BY id ASC

Data OutputMessagesNotifications

	id	title	descrip	catagory	img
	[PK] integer	character varying (255)	character varying (255)	character varying (255)	characte
1	1	Seven Reasons Why Coffee Is Aweso...	Lorem ipsum dolor sit amet consectetur adipisicing el...	lifestyle	/images
2	2	Travel To Paris	Lorem ipsum dolor sit amet consectetur adipisicing el...	travel	/images
3	3	Coffee Brings Friendship	Lorem ipsum dolor sit amet consectetur adipisicing el...	lifestyle	/images
4	4	Coffee Make You Feel Good	Lorem ipsum dolor sit amet consectetur adipisicing el...	lifestyle	/images
5	5	Coffee Make You Calm	Lorem ipsum dolor sit amet consectetur adipisicing el...	lifestyle	/images
6	6	101 Tower In Taipei	Lorem ipsum dolor sit amet consectetur adipisicing el...	travel	/images
7	7	Sun Rise From The Mountain	Lorem ipsum dolor sit amet consectetur adipisicing el...	travel	/images
8	8	Serene Lake With Trees	Lorem ipsum dolor sit amet consectetur adipisicing el...	travel	/images
9	9	Rocks Of Queen Head In Yehliu Taiwan	Lorem ipsum dolor sit amet consectetur adipisicing el...	travel	/images

Total rows: 9 of 9Query complete 00:00:01.548Ln 1 Col 1