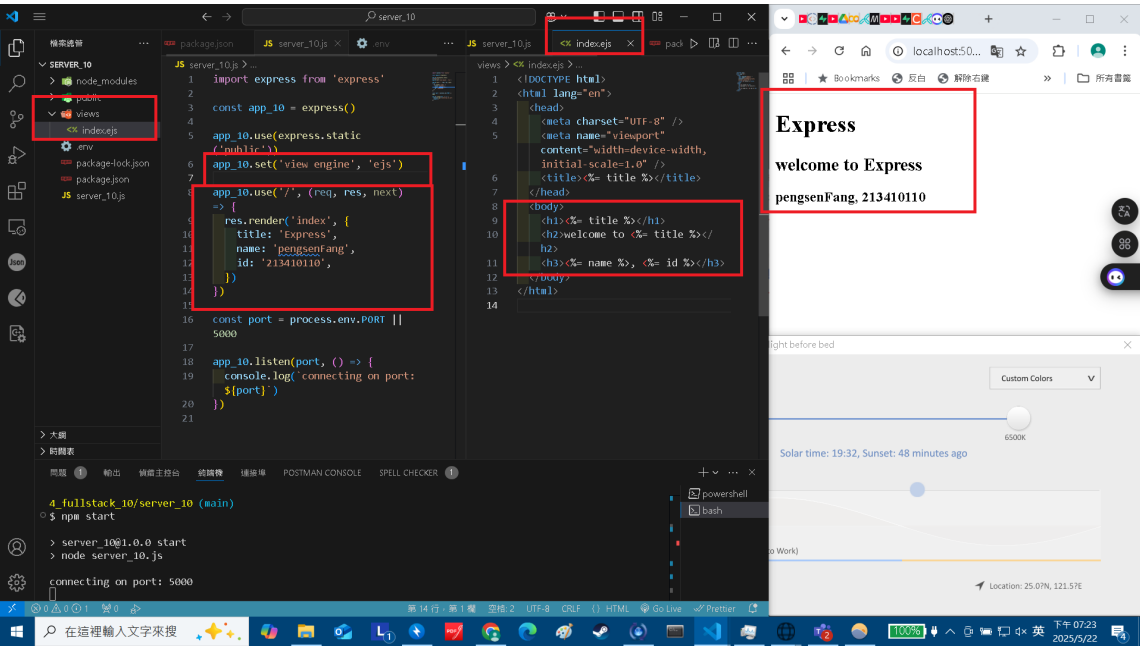


[Github URL](#)

[vercel URL](#)

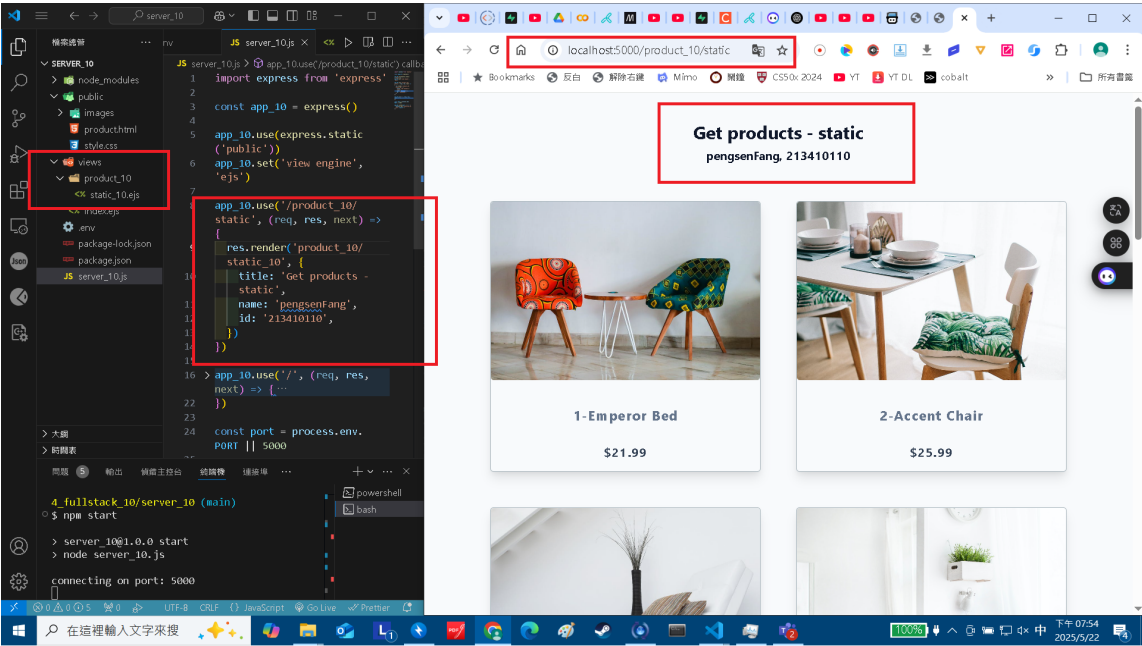
W14-P1: show first welcome page



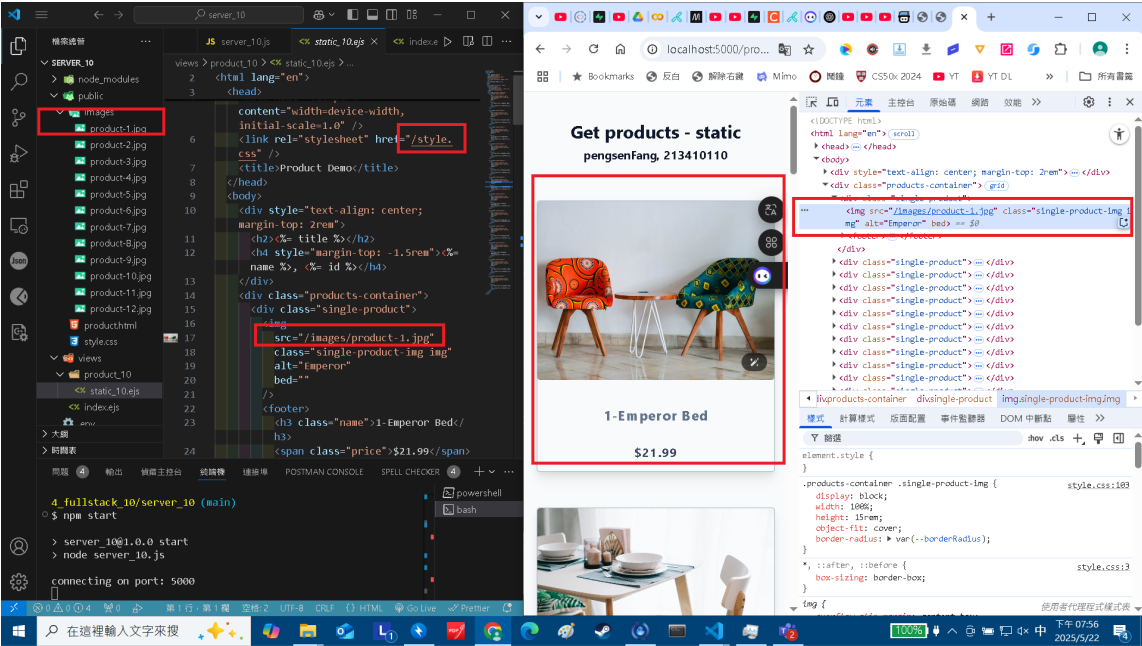
a0f9b0a 29261821 Thu May 22 21:31:31 2025 +0800 W14-P1: show first welcome page

W14-P2: Show static products page

=> show render page with data passed into ejs page



=> show how the product-1.jpg can be accessed fro public directory as root directory



W14-P3: Create database js\_demo\_10, table product\_10, and insert 12 data, write test code to get all products

=> Create database js\_demo\_10, table product\_10, and insert 12 data

The screenshot shows the pgAdmin 4 interface. On the left, the Object Explorer shows the database structure for 'js\_demo\_10' under 'PostgreSQL 16'. The 'public' schema is expanded, showing 'Tables (1)' with 'product\_10' selected. The main pane displays a query result for 'SELECT \* FROM public.product\_10 ORDER BY id ASC'. The results show 12 rows of product data.

id	title	price	category	img	remote_img
1	Emperor Bed	21.99	Liddy	./Images/product-1.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
2	Accent Chair	25.99	Caressa	./Images/product-2.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
3	High-Back Bench	9.99	Ikea	./Images/product-3.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
4	Wooden Table	19.99	Ikea	./Images/product-4.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
5	Dining Table	6.99	Caressa	./Images/product-5.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
6	Entertainment Center	69.99	Liddy	./Images/product-6.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
7	Albany Sectional	10.99	Ikea	./Images/product-7.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
8	Sofa Set	69.99	Liddy	./Images/product-8.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
9	Utopia Sofa	69.99	Liddy	./Images/product-9.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
10	Modern Bookshelf	8.99	Marcos	./Images/product-10.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
11	Albany Table	79.99	Marcos	./Images/product-11.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
12	Leather Sofa	39.95	Liddy	./Images/product-12.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi

=> connect js\_demo\_10 database

The screenshot shows a VS Code editor with a file named 'database.js' containing the following code:

```

import pkg from 'pg'
const { Pool } = pkg

let pool = new Pool({
  host: 'localhost',
  port: '5432',
  user: 'postgres',
  password: '0000',
  database: 'js_demo_10',
})

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

Below the code, a terminal window shows the command to run the application:

```

$ node database.js
connect database {
  host: 'localhost',
  port: '5432',
  user: 'postgres',
  password: '0000',
  database: 'js_demo_10',
  max: 0,
  min: 0,
  maxUses: Infinity,
  allowExitOnIdle: false,
  maxLifetimeSeconds: 0,
  idleTimeoutMillis: 10000
}
  
```

On the right, the pgAdmin 4 interface shows the database structure for 'js\_demo\_10' under 'PostgreSQL 16'. The 'public' schema is expanded, showing 'Tables (1)' with 'product\_10' selected. The main pane displays a query result for 'SELECT \* FROM public.product\_10 ORDER BY id ASC'. The results show 12 rows of product data.

id	title	price	category	img	remote_img
1	Emperor Bed	21.99	Liddy	./Images/product-1.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
2	Accent Chair	25.99	Caressa	./Images/product-2.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
3	High-Back Bench	9.99	Ikea	./Images/product-3.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
4	Wooden Table	19.99	Ikea	./Images/product-4.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
5	Dining Table	6.99	Caressa	./Images/product-5.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
6	Entertainment Center	69.99	Liddy	./Images/product-6.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
7	Albany Sectional	10.99	Ikea	./Images/product-7.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
8	Sofa Set	69.99	Liddy	./Images/product-8.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
9	Utopia Sofa	69.99	Liddy	./Images/product-9.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
10	Modern Bookshelf	8.99	Marcos	./Images/product-10.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
11	Albany Table	79.99	Marcos	./Images/product-11.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi
12	Leather Sofa	39.95	Liddy	./Images/product-12.jpg	https://ulglcfunfztrgkvyegmu.h.supabase.co/storage/v1/object/public/pi

=> get all product data

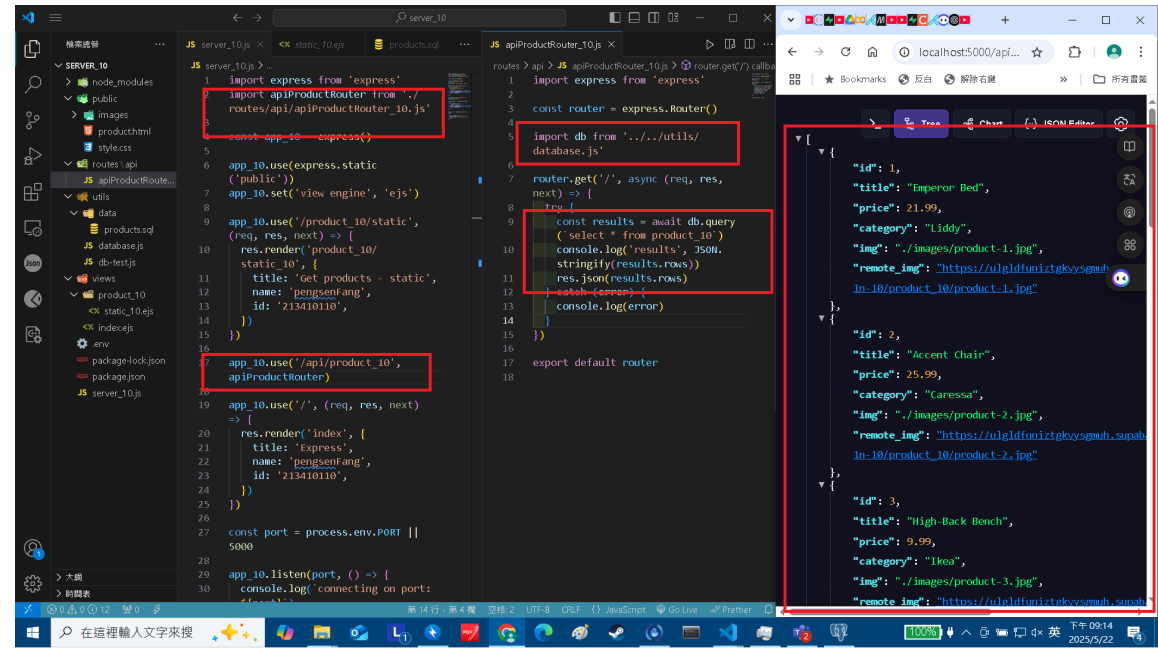
```

1 import db from './database.js'
2
3 const testDB = async () => {
4   try {
5     const results = await db.query('select * from product_10')
6     console.log('results', JSON.stringify(results.rows))
7   } catch (error) {
8     console.log(error)
9   }
10 }
11
12 min: 0,
13 maxUses: Infinity,
14 allowExitOnIdle: false,
15 maxIdleTimeSeconds: 0,
16 idleTimeoutMillis: 10000
17
18 }
19 results: [{"id":1,"title":"Emperor Bed","price":21.99,"category":"Liddy","img":"./images/product-1.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-1.jpg"}, {"id":2,"title":"Accent Chair","price":25.99,"category":"Caressa","img":"./images/product-2.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-2.jpg"}, {"id":3,"title":"High-Back Bench","price":9.99,"category":"Ikea","img":"./images/product-3.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-3.jpg"}, {"id":4,"title":"Wooden Table","price":19.99,"category":"Ikea","img":"./images/product-4.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-4.jpg"}, {"id":5,"title":"Dining Table","price":6.99,"category":"Caressa","img":"./images/product-5.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-5.jpg"}, {"id":6,"title":"Entertainment Center","price":69.99,"category":"Liddy","img":"./images/product-6.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-6.jpg"}, {"id":7,"title":"Albany sectional","price":10.99,"category":"Ikea","img":"./images/product-7.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-7.jpg"}, {"id":8,"title":"Sofa Set","price":69.99,"category":"Liddy","img":"./images/product-8.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-8.jpg"}, {"id":9,"title":"Utopia Sofa","price":69.99,"category":"Liddy","img":"./images/product-9.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-9.jpg"}, {"id":10,"title":"Modern Bookshelf","price":8.99,"category":"Marcos","img":"./images/product-10.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-10.jpg"}, {"id":11,"title":"Albany Table","price":79.99,"category":"Marcos","img":"./images/product-11.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-11.jpg"}, {"id":12,"title":"Leather Sofa","price":39.99,"category":"Liddy","img":"./images/product-12.jpg","remote_img":"https://ulldfuniztgkvygsmuh.supabase.co/storage/v1/object/public/pengsenfang-in-10/product_10/product-12.jpg"}]

```

7e49f8f 29261821 Thu May 22 21:33:32 2025 +0800 W14-P3: Create database js\_demo\_10, table product\_10, and insert 12 data, write test code to get all products

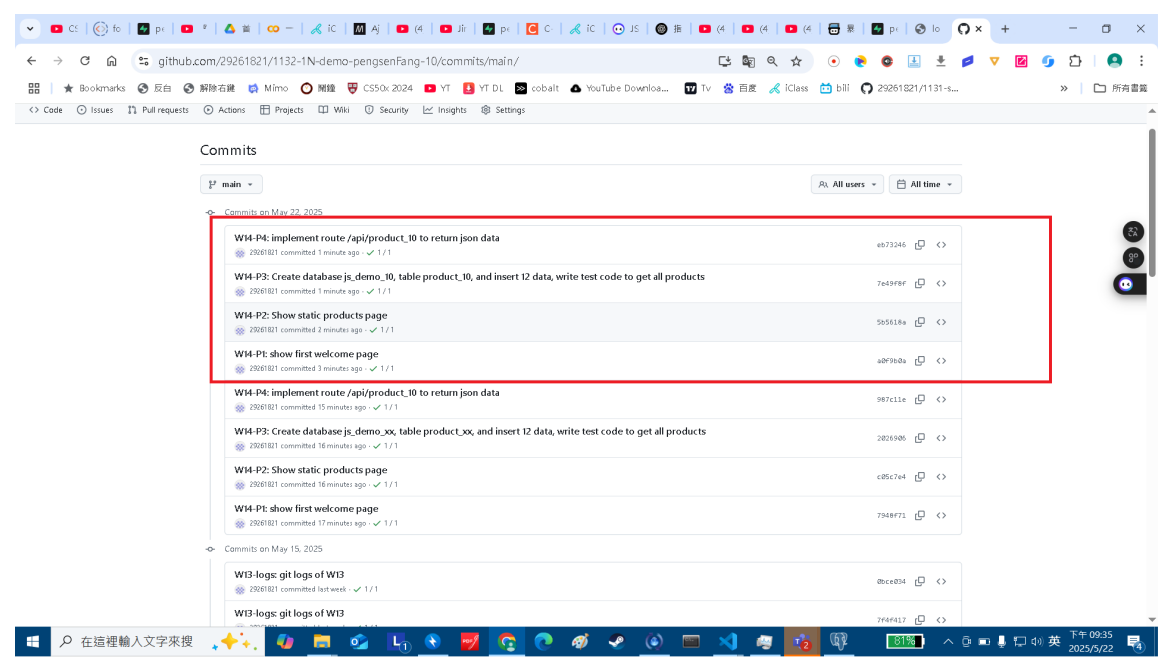
W14-P4: implement route /api/product\_10 to return json data



=>

eb73246 29261821 Thu May 22 21:34:05 2025 +0800 W14-P4: implement route /api/product\_10 to return json data

W14-logs: git logs of W14



ed978bb 29261821 Thu May 22 21:37:28 2025 +0800 W14-logs: git logs of W14