

# 第一題

## => index.ejs

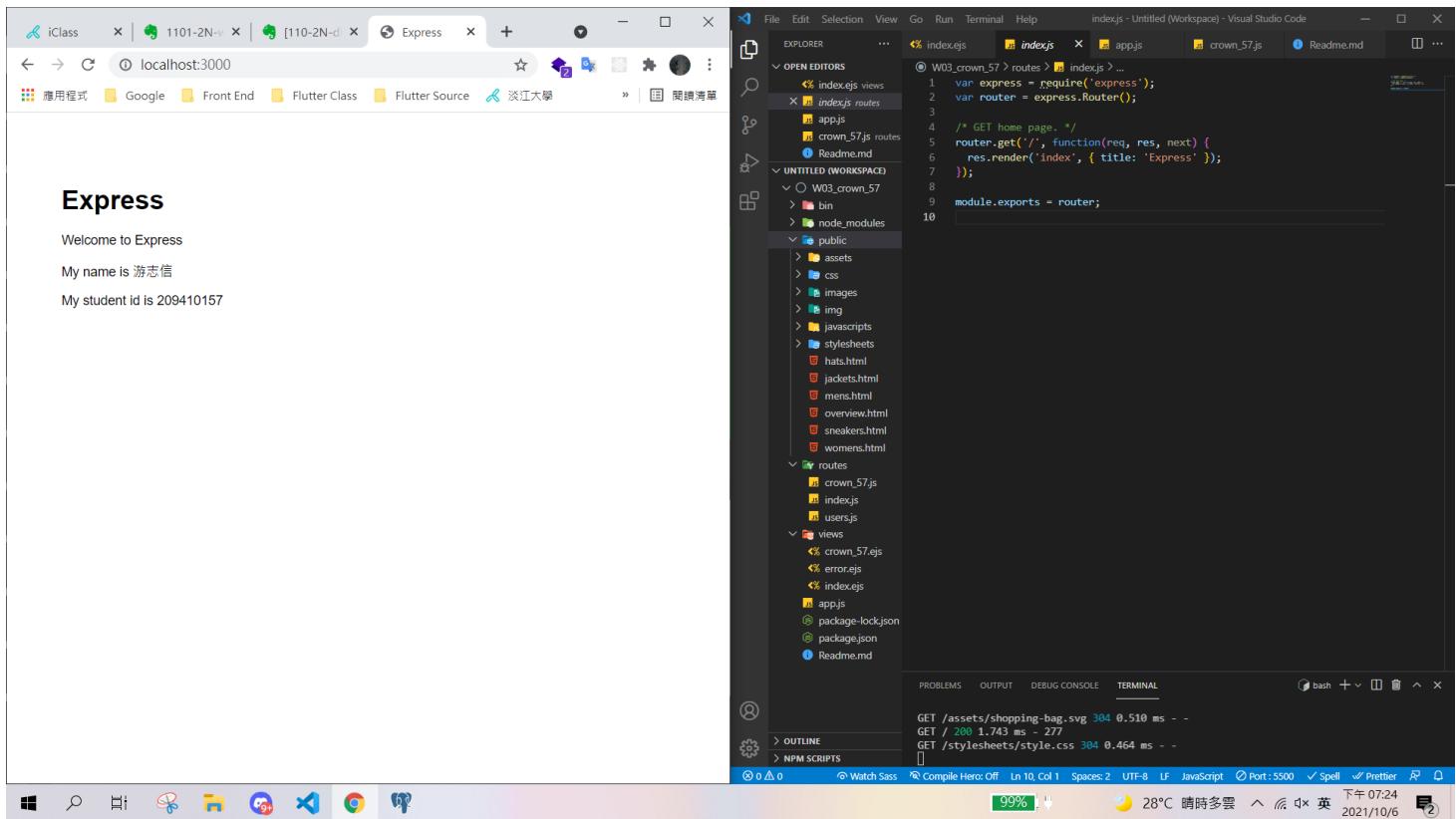
```
<!DOCTYPE html>
<html>
  <head>
    <title><%= title %></title>
    <link rel='stylesheet' href='/stylesheets/style.css' />
  </head>
  <body>
    <img src="" alt="">
    <h1><%= title %></h1>
    <p>Welcome to <%= title %></p>
    <p>My name is 游志信</p>
    <p>My student id is 209410157</p>
  </body>
</html>
```

## => index.js

```
var express = require('express');
var router = express.Router();

/* GET home page. */
router.get('/', function(req, res, next) {
  res.render('index', { title: 'Express' });
});

module.exports = router;
```



## 第二題

### =>crown\_57.js

```
var express = require("express");
var router = express.Router();

/* GET home page. */
router.get("/", function (req, res, next) {
  res.render("crown_57", { title: "Express", name: "游志信", id: 209410157 });
});

module.exports = router;
```

### =>crown\_57.ejs

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Crown Clothing</title>
    <link rel="stylesheet" href=".//css/style.css">
</head>

<body>
    <div class="header">
        <a href="/" class="logo-container">
            <img src='./assets/crown.svg' />
        </a>
        <div class="options">
            <a href=".//overview.html" class="option">Shop</a>
            <a href="/shop" class="option">Contact</a>
            <a href="/signin" class="option">Sign In</a>
            <div class="cart-icon" onclick="cartToggle()">
                
            </div>
            <div class="cart-dropdown">
                <div class="cart-items">
                    <div class="cart-item">
                        
                        <div class="item-details">
                            <span class="name">Brown Cowboy</span>
                            <span class="price">4 * $35</span>
                        </div>
                    </div>
                    <div class="cart-item">
                        
                        <div class="item-details">
                            <span class="name">Blue Jean Jacket</span>
                            <span class="price">1 * $90</span>
                        </div>
                    </div>
                </div>
                <button class="custom-button">GO TO CHECKOUT</button>
            </div>
        </div>
    </div>

    <div class="homepage">
        <%= name %>
        <%= id %>
        <div class="directory-menu">
            <div class="menu-item">
                
                <a href=".//hats.html" class="content">
```

```
<h1 class="title">HATS</h1>
<span class="subtitle">SHOP NOW</span>
</a>
</div>
<div class="menu-item">
    
    <a href="../jackets.html" class="content">
        <h1 class="title">JACKETS</h1>
        <span class="subtitle">SHOP NOW</span>
    </a>
</div>
<div class="menu-item">
    
    <a href="../sneakers.html" class="content">
        <h1 class="title">SNEAKERS</h1>
        <span class="subtitle">SHOP NOW</span>
    </a>
</div>
<div class="large menu-item">
    
    <a href="../womens.html" class="content">
        <h1 class="title">WOMENS</h1>
        <span class="subtitle">SHOP NOW</span>
    </a>
</div>
<div class="large menu-item">
    
    <a href="../mens.html" class="content">
        <h1 class="title">MENS</h1>
        <span class="subtitle">SHOP NOW</span>
    </a>
</div>
</div>
</div>

<script>
    function cartToggle() {
        p = document.querySelector('.cart-dropdown');
        p.classList.toggle("show");
    }
</script>
</body>
</html>
```

The screenshot shows a web browser displaying a shopping website. The site features a header with a crown icon, navigation links for Shop, Contact, Sign In, and a shopping cart icon. Below the header are five promotional banners for different product categories: HATS, JACKETS, SNEAKERS, WOMENS, and MENS. Each banner includes a "SHOP NOW" button. The browser has several tabs open, all related to the "crown\_57" project in Visual Studio Code, including index.ejs, crown\_57.ejs, app.js, and crown\_57.js.

## 第三題

The screenshot shows the pgAdmin 4 interface connected to a PostgreSQL 13 database named "dbdemo". The left sidebar displays the "Servers" tree, which includes "PostgreSQL 13" and "dbdemo". The "dbdemo" node is expanded, showing databases like company, crown\_57, dbdemo, dvrental, and postgres. The "Tables" section shows two entries: pg\_default and pg\_global. The main pane contains a "Query Editor" tab with the following SQL query:

```
1 SELECT * FROM public.category_57
2 ORDER BY id ASC
```

The "Data Output" tab shows the results of the query as a table:

	<b>id</b> [PK] integer	<b>name</b> character varying	<b>size</b> character varying	<b>remote_url</b> character varying	<b>local_url</b> character varying	<b>link_url</b> character varying
1	1	hats	[null]	https://libb.co/cvptL1/hats.png	/img/homepage/hats.png	/crown2_16/shop2_16/hats
2	2	jackets	[null]	https://libb.co/px2tCc3/jackets.png	/img/homepage/jackets.png	/crown2_16/shop2_16/jackets
3	3	sneakers	[null]	https://libb.co/0qHpn/sneakers.png	/img/homepage/sneakers.png	/crown2_16/shop2_16/sneakers
4	4	womens	large	https://libb.co/GCCdy8t/womens.png	/img/homepage/womens.png	/crown2_16/shop2_16/womens
5	5	mens	large	https://libb.co/GCCdy8t/mens.png	/img/homepage/mens.png	/crown2_16/shop2_16/mens

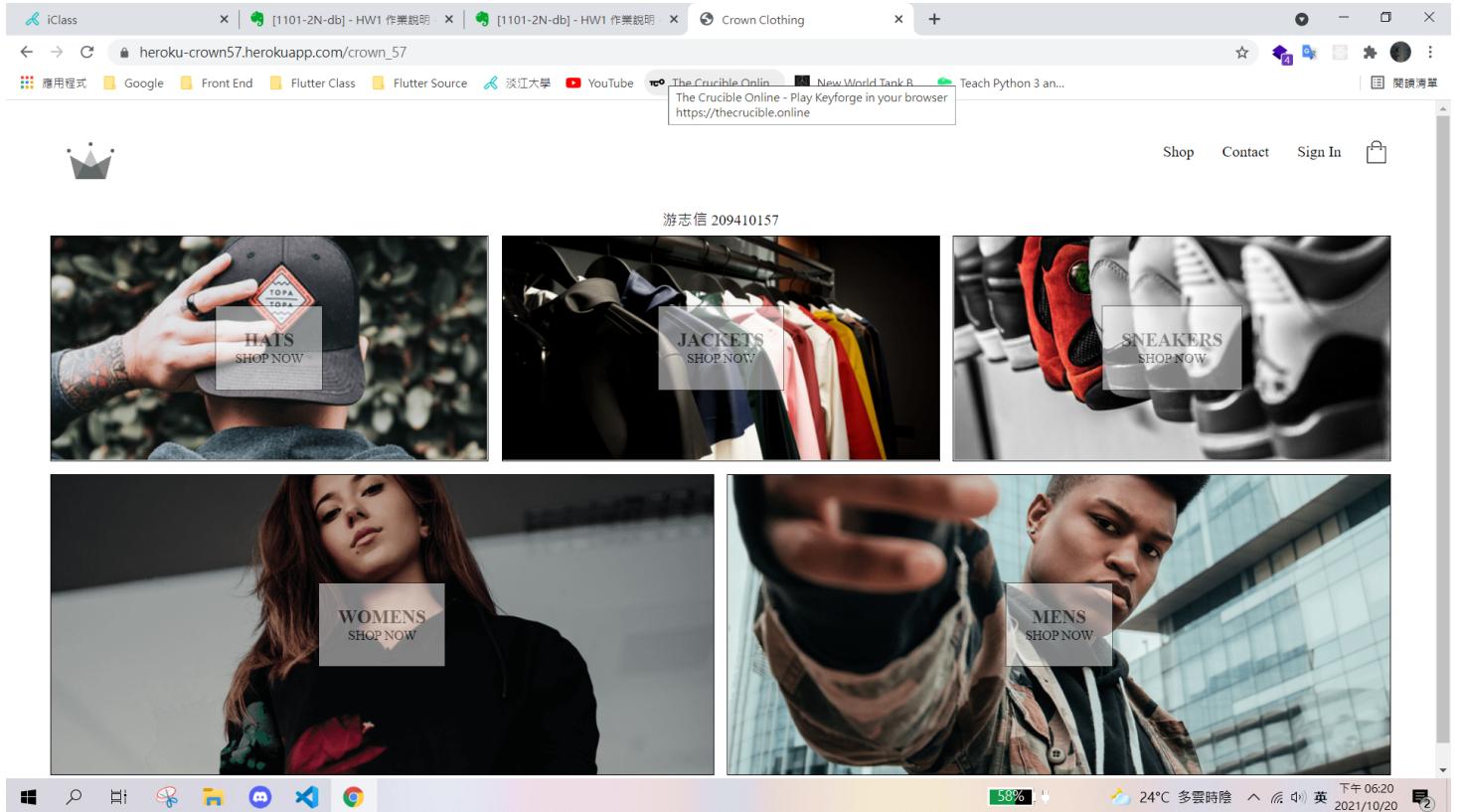
# 第四題

The screenshot shows the Heroku dashboard for the application 'heroku-crown57'. It displays deployment history with the most recent deployment at 9:30 PM on October 15, 2024, which succeeded. The dashboard also shows the configuration of the application, including the command 'web npm start' and the status of the Dyno formation.

The screenshot shows the deployed application's homepage, 'crown\_57'. The page features five promotional banners for different product categories: HATS, JACKETS, SNEAKERS, WOMENS, and MENS. Each banner includes a 'SHOP NOW' button. The background of the page shows a person wearing a cap and a woman in a hoodie.

Github

# 第五題



The screenshot shows the Heroku app settings page for 'heroku-crown57'. It includes sections for 'Config Vars' (with fields for DATABASE\_URL and NODE\_ENV), 'Buildpacks' (listing 'heroku/nodejs'), and a GitHub integration section. The GitHub URL is listed as <https://git.heroku.com/heroku-crown57.git>.

postgres://mdrszznangvtyx:5662bae61399230aa8842b79ea9a2f4b388ae385402fd06f7de508c3b2acf751@ec2-3-222-24-200.compl

username:mdrszznangvtyx

password:5662bae61399230aa8842b79ea9a2f4b388ae385402fd06f7de508c3b2acf751

host:ec2-3-222-24-200.compute-1.amazonaws.com

database:5432/d5t42drnp8k8un

## 第六題

=> app.js

```

var createError = require("http-errors");
var express = require("express");
var path = require("path");
var cookieParser = require("cookie-parser");
var logger = require("morgan");

var indexRouter = require("./routes/index");
var usersRouter = require("./routes/users");
let crown_57Router = require("./routes/crown_57");
let crown2_57Router = require("./routes/crown2_57");
let api_57Router = require("./routes/api_57");

var app = express();

// view engine setup
app.set("views", path.join(__dirname, "views"));
app.set("view engine", "ejs");

app.use(logger("dev"));
app.use(express.json());
app.use(express.urlencoded({ extended: false }));
app.use(cookieParser());
app.use(express.static(path.join(__dirname, "public")));

app.use("/", indexRouter);
app.use("/users", usersRouter);
app.use("/crown_57", crown_57Router);
app.use("/crown2_57", crown2_57Router);
app.use("/api_57", api_57Router);

// catch 404 and forward to error handler
app.use(function (req, res, next) {
  next(createError(404));
});

// error handler
app.use(function (err, req, res, next) {
  // set locals, only providing error in development
  res.locals.message = err.message;
  res.locals.error = req.app.get("env") === "development" ? err : {};

  // render the error page
  res.status(err.status || 500);
  res.render("error");
});

module.exports = app;

```

**=>crown2\_57.js**

```
var express = require("express");
var router = express.Router();
const crown2Controller_57 = require("../controllers/crown2Controller_57");

/* GET home page. */
router.get("/", crown2Controller_57.getCategories);

module.exports = router;
```

**=>crown2\_57.ejs**

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Crown Clothing</title>
    <link rel="stylesheet" href=".//css/style.css">
</head>

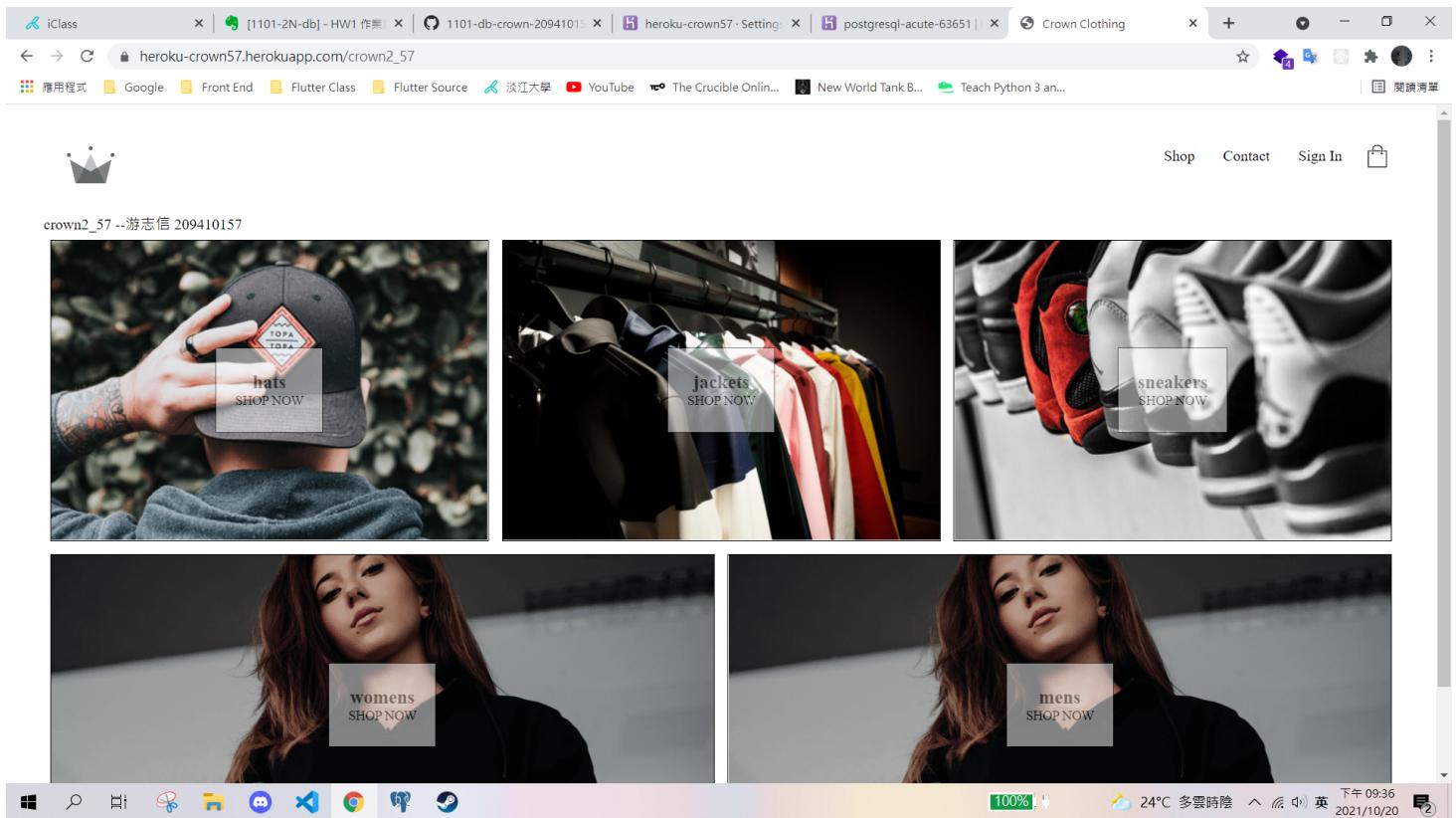
<body>
    <div class="header">
        <a href="/" class="logo-container">
            <img src='./assets/crown.svg' />
        </a>
        <div class="options">
            <a href=".//overview.html" class="option">Shop</a>
            <a href="/shop" class="option">Contact</a>
            <a href="/signin" class="option">Sign In</a>
            <div class="cart-icon" onclick="cartToggle()">
                
            </div>
            <div class="cart-dropdown">
                <div class="cart-items">
                    <div class="cart-item">
                        
                        <div class="item-details">
                            <span class="name">Brown Cowboy</span>
                            <span class="price">4 * $35</span>
                        </div>
                    </div>
                    <div class="cart-item">
                        
                        <div class="item-details">
                            <span class="name">Blue Jean Jacket</span>
                            <span class="price">1 * $90</span>
                        </div>
                    </div>
                </div>
                <button class="custom-button">GO TO CHECKOUT</button>
            </div>
        </div>
    </div>
    <p>
        <%= title %> --<%= name %>
        <%= id %>
    </p>
    <div class="homepage">
        <div class="directory-menu">
            <% data.forEach((item)=>{ %>
                <div class="large menu-item">
```

```

<img class="background-image" src=<%=item.remote_url %> alt="">
<a href=".//mens.html" class="content">
    <h1 class="title">
        <%= item.name %>
    </h1>
    <span class="subtitle">SHOP NOW</span>
</a>
</div>
<% })%>
</div>

<script>
function cartToggle() {
    p = document.querySelector('.cart-dropdown');
    p.classList.toggle("show");
}
</script>
</body>
</html>

```



# 第八題

```
[{"id":1,"name":"hats","size":null,"remote_url":"https://i.ibb.co/cvpnlt1/hats.png","local_url":"/img/homepage/hats.png","link_url":"/crown2_16/shop2_16/hats"}, {"id":2,"name":"jackets","size":null,"remote_url":"https://i.ibb.co/pxtCc3/jackets.png","local_url":"/img/homepage/jackets.png","link_url":"/crown2_16/shop2_16/jackets"}, {"id":3,"name":"sneakers","size":null,"remote_url":"https://i.ibb.co/0jqhpn/p/sneakers.png","local_url":"/img/homepage/sneakers.png","link_url":"/crown2_16/shop2_16/sneakers"}, {"id":4,"name":"womens","size":"large","remote_url":"https://i.ibb.co/GCCdy8t/womens.png","local_url":"/img/homepage/womens.png","link_url":"/crown2_16/shop2_16/womens"}, {"id":5,"name":"mens","size":"large","remote_url":"https://i.ibb.co/GCCdy8t/mens.png","local_url":"/img/homepage/mens.png","link_url":"/crown2_16/shop2_16/mens"}]
```

Github

## 第九題

```
[{"id":1,"name":"hats","size":null,"remote_url":"https://i.ibb.co/cvpnlt1/hats.png","local_url":"/img/homepage/hats.png","link_url":"/crown2_16/shop2_16/hats"}, {"id":2,"name":"jackets","size":null,"remote_url":"https://i.ibb.co/pxtCc3/jackets.png","local_url":"/img/homepage/jackets.png","link_url":"/crown2_16/shop2_16/jackets"}, {"id":3,"name":"sneakers","size":null,"remote_url":"https://i.ibb.co/0jqhpn/p/sneakers.png","local_url":"/img/homepage/sneakers.png","link_url":"/crown2_16/shop2_16/sneakers"}, {"id":4,"name":"womens","size":"large","remote_url":"https://i.ibb.co/GCCdy8t/womens.png","local_url":"/img/homepage/womens.png","link_url":"/crown2_16/shop2_16/womens"}, {"id":5,"name":"mens","size":"large","remote_url":"https://i.ibb.co/GCCdy8t/mens.png","local_url":"/img/homepage/mens.png","link_url":"/crown2_16/shop2_16/mens"}]
```

