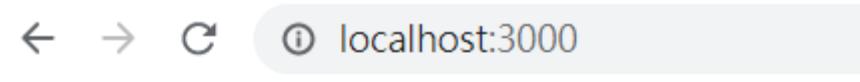


First

P1. (local) 請修改 routes/index.js 在 render index.ejs 時傳入學號及姓名，index.ejs 要有姓名及學號，需要用 `<%= name %>` 及 `<%= id %>` 接收傳入的學號及姓名，並顯示下圖片



Express

Welcome to Express

My name is Nihao

My student id is 208417146

index.ejs

```
<body>
  <h1>
    <%= title %>
  </h1>
  <p>Welcome to
    <%= title %>
  </p>
  <h2>
    My name is
    <%= name %>
  </h2>
  <h3>
    My student id is
    <%= id%>
  </h3>
</body>
```

index.js

```
router.get('/', function (req, res, next) {  
  res.render('index', { title: 'Express', name: 'Nihao', id: '208417146' });  
});
```

Second

P2. (local) 將 crown theme 裡面的 index.ejs 複製到 views/crown_xx.ejs，並能在 Chrome 中顯示路由 /crown_xx，如下圖 localhost:3000/crown_xx。標題要有學號及姓名，如 P1 的傳入方式。



Shop

Contact

Sign In



Nihao 208417146



crown_46.ejs

```
<h3><%= name %> <%= id %></h3>
```

crown_46.js

```

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

/* GET home page. */
router.get('/', function (req, res, next) {
  res.render('crown_46', { title: 'Express', name: 'Nihao', id: '208417146' });
});

module.exports = router;

```

Third

P3. (local) 請將 crown_xx.ejs 裡面 category 五筆資料 PostgreSQL 中，資料庫名稱 crown_xx, table 名稱 category_xx。

```

SELECT * FROM public.category_46
ORDER BY id ASC

```

	name	size	remote_url	local_url	link_url
1	hats	[null]	https://i.ibb.co/cvptnL1/hats.png	/img/homepage/hats.png	/crown_46/shop_46/hats
2	jackets	[null]	https://i.ibb.co/px2tCc3/jackets.png	/img/homepage/jackets.png	/crown_46/shop_46/jackets
3	sneakers	[null]	https://i.ibb.co/0jqHpnP/sneakers.png	/img/homepage/sneakers.png	/crown_46/shop_46/sneakers
4	womens	large	https://i.ibb.co/GCCdy8t/womens.png	/img/homepage/womens.png	/crown_46/shop_46/womens
5	mens	large	https://i.ibb.co/R70vBrQ/mens.png	/img/homepage/mens.png	/crown_46/shop_46/mens

Fourth

P4. (heroku) 請將 P2 這一題的結果，在 heroku server 上顯示，路由是 /crown_xx。

- Chrome 截圖 (要看到 URL, 上面有 heroku app)



A screenshot of a Chrome browser window. The address bar shows the URL 'heroku-crown46.herokuapp.com'. The page itself is a dark-themed e-commerce site for 'TOPA CROWN'. It features a crown logo at the top, followed by navigation links for 'Shop', 'Contact', 'Sign In', and a shopping bag icon. Below this are five product categories: 'HATS' (SHOP NOW) with an image of a baseball cap, 'JACKETS' (SHOP NOW) with an image of a rack of jackets, 'SNEAKERS' (SHOP NOW) with an image of several sneakers, 'WOMENS' (SHOP NOW) with an image of a woman, and 'MENS' (SHOP NOW) with an image of a man. The bottom right corner of the browser window shows the date and time: '下午 09:10' and '2021-10-20'.

- [Github Repo URL](#)

Fifth

P5. (heroku) 請將 P3 資料庫 category_xx 五筆資料，放到 Heroku Posgres 上。

- Chrome 截圖 (要看到 URL, 上面有 heroku database, category_xx, 和 5 筆資料)

df1d1j0eoms8v2/zf0falgflsfvg@Heroku crown46

Query Editor Query History

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

Data Output Explain Messages Notifications

	id [PK] integer	name character varying	size character varying	remote_url character varying	local_url character varying	link_url character varying
1	1	hats	[null]	https://i.ibb.co/cvpnL1/hats.png	/img/homepage/hats.png	/crown2_xx/shop2_xx/hats
2	2	jackets	[null]	https://i.ibb.co/px2tCc3/jackets.png	/img/homepage/jackets.png	/crown2_xx/shop2_xx/jackets
3	3	sneakers	[null]	https://i.ibb.co/0qlhpn/sneakers.png	/img/homepage/sneakers.png	/crown2_xx/shop2_xx/sneakers
4	4	womens	large	https://i.ibb.co/GCCdy8t/womens.png	/img/homepage/womens.png	/crown2_xx/shop2_xx/womens
5	5	mens	large	https://i.ibb.co/R70vBrQ/mens.png	/img/homepage/mens.png	/crown2_xx/shop2_xx/mens

- Heroku 畫面，要看到 DATABASE_URL 資料

dashboard.heroku.com/apps/heroku-crown46/settings

Jump to Favorites, Apps, Pipelines, Spaces...

Slug size: 34.1 MB OF 500 MB

GitHub repo: zero0914/1101-db-crown-46

Heroku git URL: https://git.heroku.com/heroku-crown46.git

Config Vars

Config vars change the way your app behaves. In addition to creating your own, some add-ons come with their own.

Buildpacks

Buildpacks are scripts that are run when your app is deployed. They are used to install dependencies for your app and configure your environment. [Find new buildpacks on GitHub](#)

heroku/nodejs

Edit config variable

Key: DATABASE_URL

Value: postgres://zf0falgflsfvg:7fc22a9f7f13674a55cc8ad097108e58c056b6baa9e0035e0f21f66f2d7daf17@ec2-3-213-146-52.com

Cancel Save changes

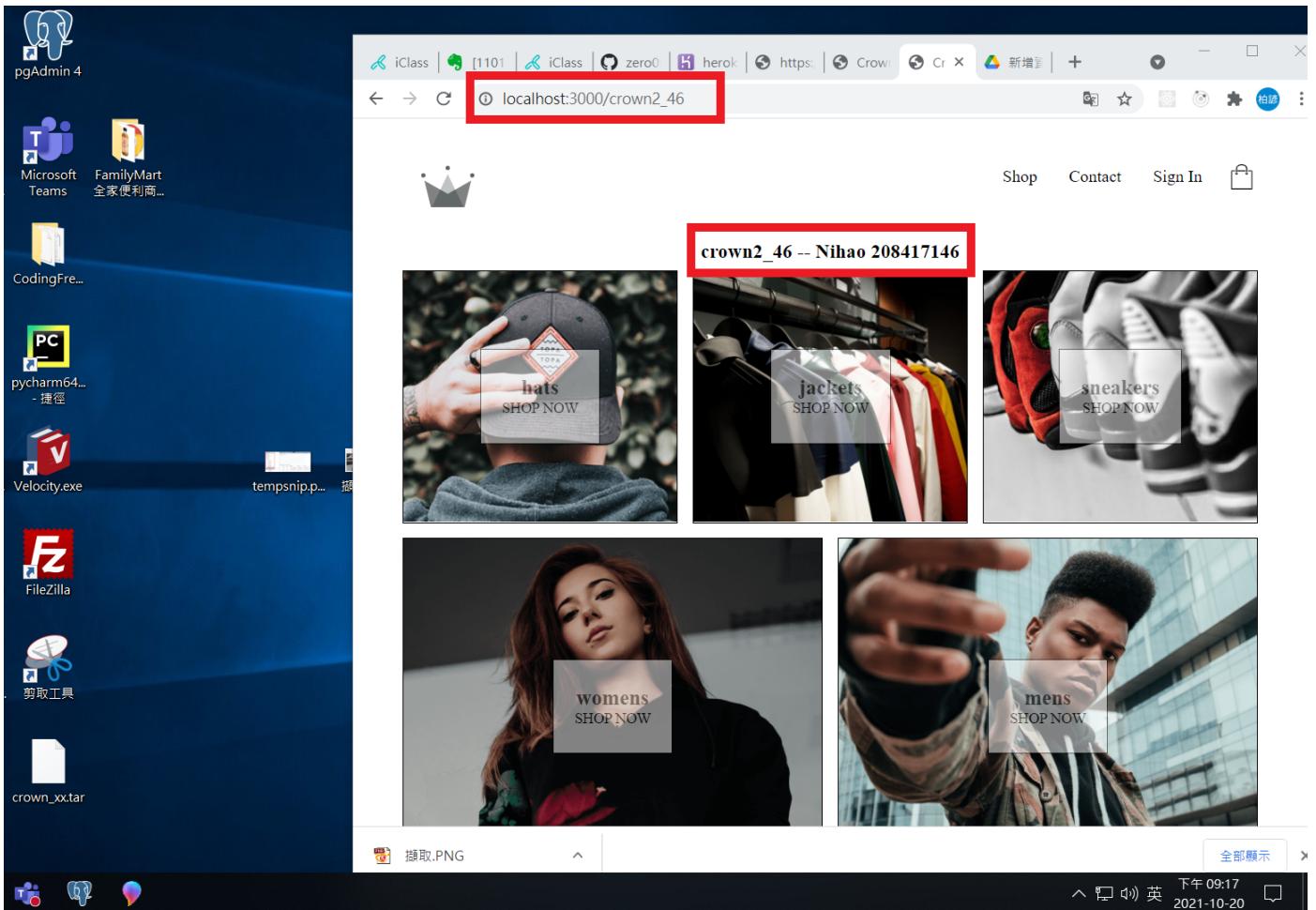
- 請提供 Heroku DATABASE_URL 資料，並將之拆分提供文字放入 code (``) 中

```
postgres://zf0falgflsfvg:7fc22a9f7f13674a55cc8ad097108e58c056b6baa9e0035e0f21f66f2d7daf17@ec2-3-213-146-52.com
name : zf0falgflsfvg
port: 5432
password : 7fc22a9f7f13674a55cc8ad097108e58c056b6baa9e0035e0f21f66f2d7daf17
host : ec2-3-213-146-52.compute-1.amazonaws.com
database : 5432/df1d1j0eoms8v2
```

Sixth

P6. (local) 將 views/crown_xx.ejs 複製一份成 crown2_xx.ejs，能夠直接到 PostgreSQL server 取得 category 5 筆資料，套入到 crown2_xx.ejs 中。在 Chrome 中要顯示路由 /crown2_xx 。標題要有 Crown2_xx (from title) 學號 (from id) 及姓名(from name)。

- Chrome 截圖，要有 URL



- app.js , 相關重點以圖片標註呈現

```
zero0914, 21 minutes ago | 1 author (zero0914)
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');
const crown_46_Router = require('./routes/crown_46');
const crown2_46_Router = require('./routes/crown2_46');
const api_46_Router = require('./routes/api_46');

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('/crown_46', crown_46_Router);
app.use('/crown2_46', crown2_46_Router);
app.use('/users', usersRouter);
app.use('/api_46', api_46_Router)      zero0914, 21 m
```

- routes/crown2_xx.js , 相關重點以圖片標註呈現呈現

```
routes > js crown2_46.js > ...
zero0914, an hour ago | 1 author (zero0914)
1 var express = require('express');
2 var router = express.Router();
3 const crown2Controller_46 = require('../controllers/cr
4
5 /* GET home page. */
6 router.get('/',crown2Controller_46.getCategories);
7
8 module.exports = router;
9 |
```

- views/crown2_xx.ejs , 相關重點以圖片標註呈現呈現

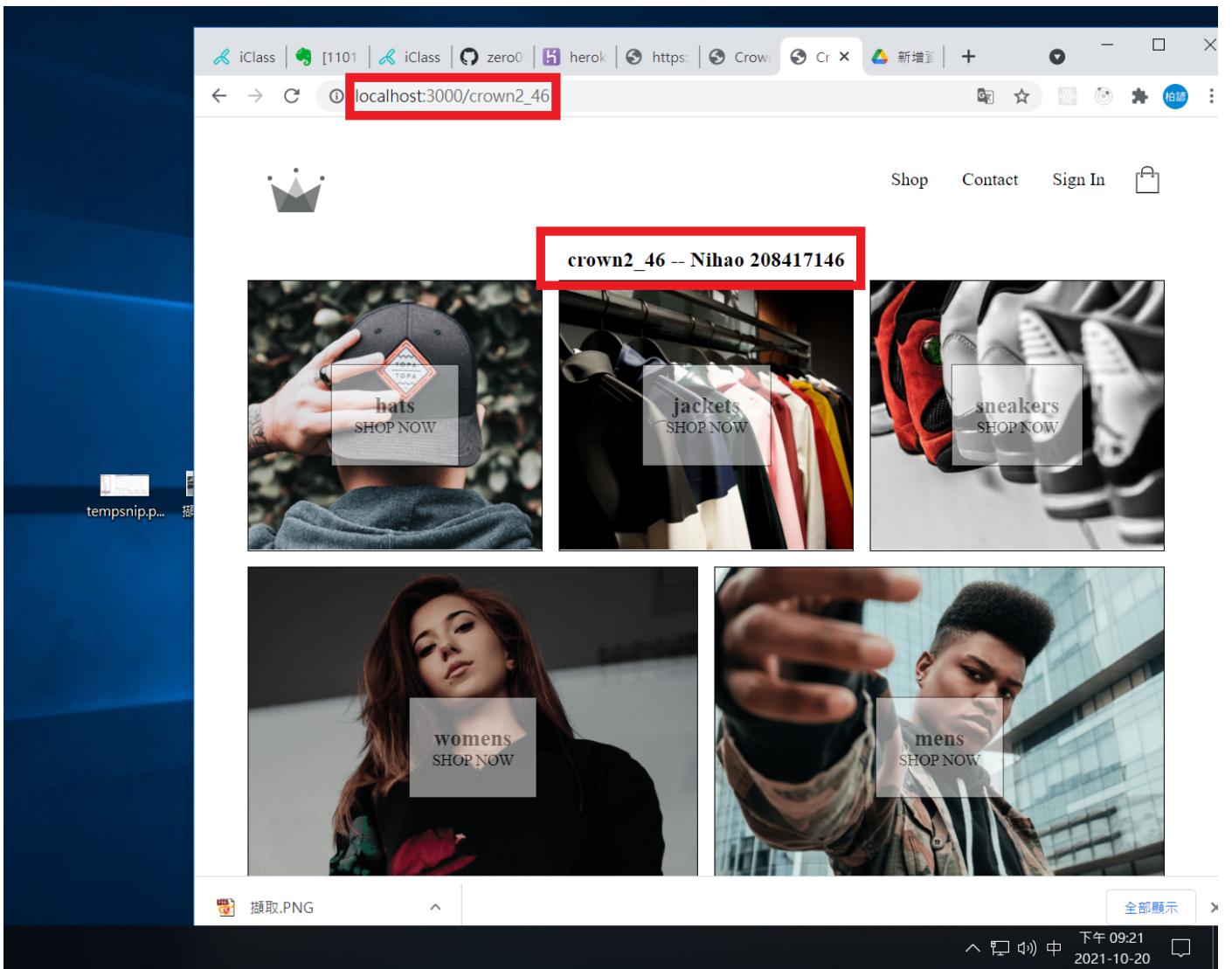
```
</div>
<div class="homepage">
  <h3><%= title%> -- <%= name %> <%= id %></h3>
  <div class="directory-menu">
    <% data.forEach(item => { %>
      <div class="<%= item.size %> menu-item">
        
        <a href=".womens.html" class="content">
          <h1 class="title"><%= item.name %></h1>
          <span class="subtitle">SHOP NOW</span>
        </a>
      </div>
    <% }) %>
  </div>
</div>
```



Seventh

P7. (heroku) 請將 P6 這一題的結果，在 heroku server 上顯示，路由是 /crown2_xx，category 資料必須要從 Heroku Posgres 上取得。

- Chrome 截圖 (要看到 URL, 上面有 heroku app)

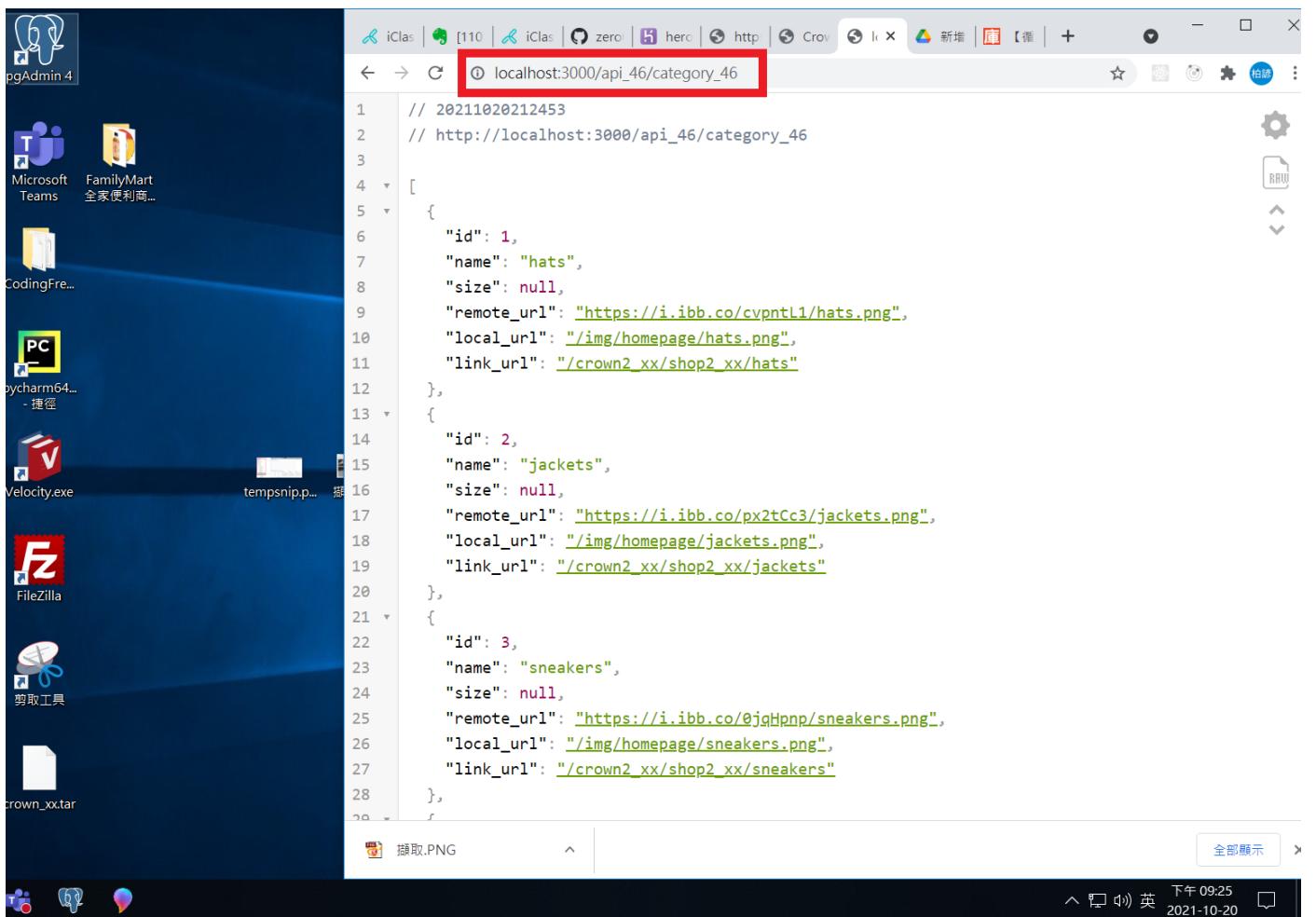


- [Github Repo URL](#)

Eighth

P8. (local) 實作 api 路由 /api_xx/category_xx，能夠直接到 PostgreSQL server 取得 category 5 筆資料並以 json 方式顯示。

- Chrome 截圖，要有路由 /api_xx/category_xx



- **app.js , 相關重點以圖片標註呈現**

```
zcl00514, 20 minutes ago | author (zcl00514)
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');
const crown_46_Router = require('./routes/crown_46');
const crown2_46_Router = require('./routes/crown2_46');
const api_46_Router = require('./routes/api_46')

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('/crown_46', crown_46_Router);
app.use('/crown2_46', crown2_46_Router);
app.use('/users', usersRouter);
app.use('/api_46', api_46_Router)

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

zero0914, 28 minutes ago • add /api_46/category_46
```

- routes/api_xx.js, 相關重點以圖片標註呈現呈現

```

routes/api_xx.js
zero0914, 25 minutes ago | 1 author (zero0914)
var express = require('express');
var router = express.Router();
const apiCrown2Controller_46 = require('../controllers/apiCrown2Controller_46')

/* GET home page */
router.get('category_46',apiCrown2Controller_46.getCategories)

module.exports = router;

```

- controllers/apiCrown2Controller_xx.js , 相關重點以圖片標註呈現呈現

```

controllers/apiCrown2Controller_xx.js
zero0914, 30 minutes ago | 1 author (zero0914)
const serviceCrown2Controller_46 = require('../serviceCrown2Controller_46');

exports.getCategories = async (req, res) => {
  try{
    const data = await serviceCrown2Controller_46.getCategories();
    return res.json(data);
  } catch(err){
    console.log('crown2Controller getCategories', err)
  }
}

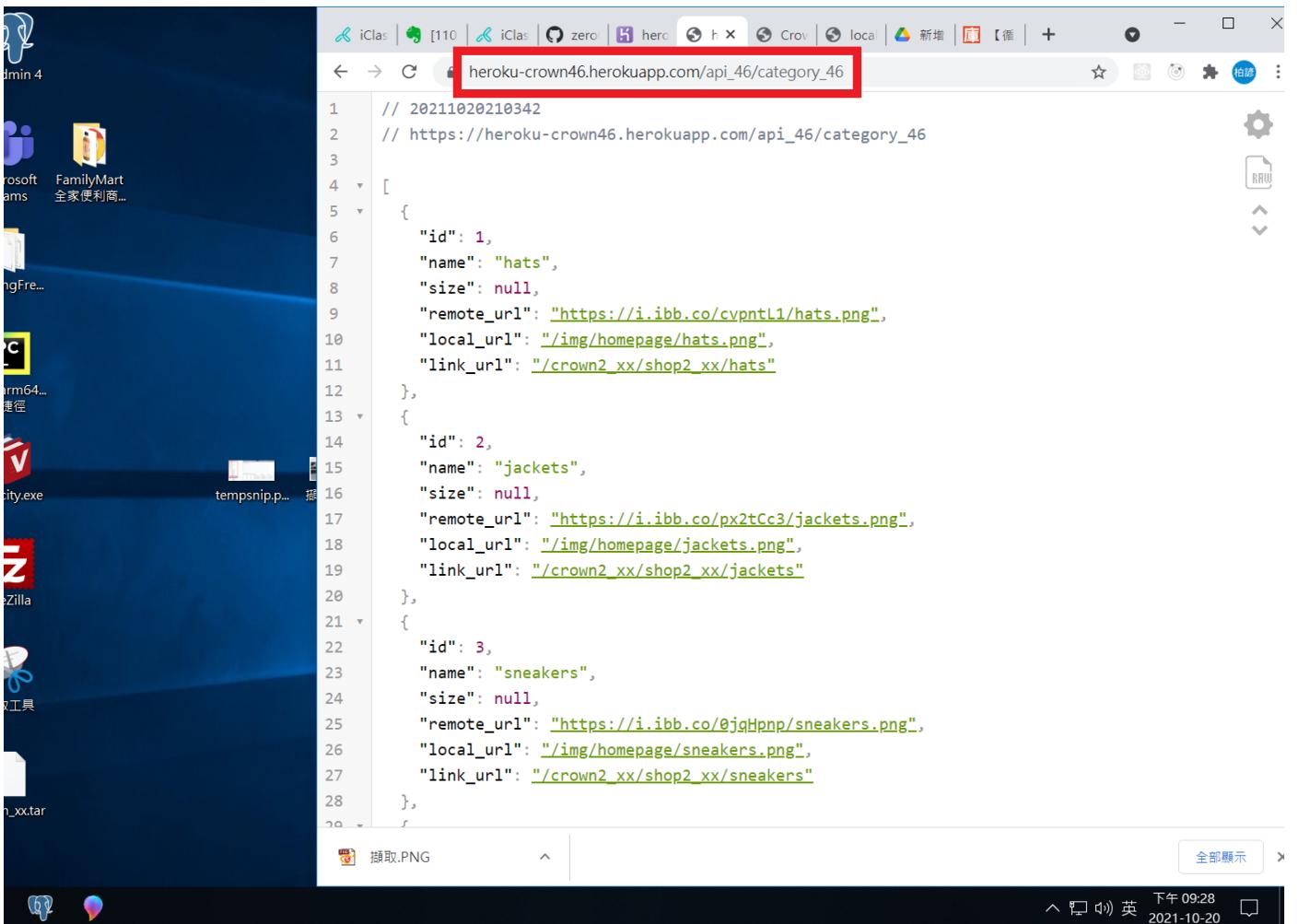
```

Ninth

P9. (heroku) 請將 P8 這一題的結果，在 heroku server 上顯示，路由是 /api_xx/category_xx，category 資料必須要從 Heroku Posgres 上取得。

Chrome 截圖 (要看到 /api_xx/)

- category_xx, 上面有 heroku app)



```
// 20211020210342
// https://heroku-crown46.herokuapp.com/api_46/category_46
[
  {
    "id": 1,
    "name": "hats",
    "size": null,
    "remote_url": "https://i.ibb.co/cvpntL1/hats.png",
    "local_url": "/img/homepage/hats.png",
    "link_url": "/crown2_xx/shop2_xx/hats"
  },
  {
    "id": 2,
    "name": "jackets",
    "size": null,
    "remote_url": "https://i.ibb.co/px2tCc3/jackets.png",
    "local_url": "/img/homepage/jackets.png",
    "link_url": "/crown2_xx/shop2_xx/jackets"
  },
  {
    "id": 3,
    "name": "sneakers",
    "size": null,
    "remote_url": "https://i.ibb.co/0jgHpnP/sneakers.png",
    "local_url": "/img/homepage/sneakers.png",
    "link_url": "/crown2_xx/shop2_xx/sneakers"
  }
]
```

- [Github Repo URL](#)