

# (40%) Web 程式設計一 期末考 2 -- 開放網路考試

2024-12-25, at E201, 20:50~21:50

## Note:

1. 請不要發揮同學愛，作弊雙方除了本次考試 0 分外，平常分數另扣 20 分，情節嚴重者會送校。
2. iClass 上請繳交 ans\_final2\_xx.pdf，還有 md\_final2.zip, client\_xx (src.zip) 兩個壓縮檔，壓縮前請將 node\_modules 全部砍掉
3. 請直接將答案寫在 md\_final2\_xx/ans\_final2\_xx.md 上，老師出題及圖片放在 ans\_final2\_htc.pdf 上，請依照老師所給的圖片來實作並標註
4. 跟小考相關的檔案及目錄名稱有 xx 時，必須要改成學號後 2 碼，沒有修改時，會視違犯情況扣分。
5. 每一張圖片要有機房左側背景，圖片上要有你的學號(或後兩碼)，圖片標註要跟老師所標註的類似。違者會依情節扣分。
6. 請自評分數，將每一題的？填入分數，沒有填者，不會批改，以 0 分計算。

## Your (Name, ID): (?, ?)

- P1 (6%): ? 分
- P2 (10%): ? 分
- P3 (8%): ? 分
- P4 (16%): ? 分

總分: ? 分

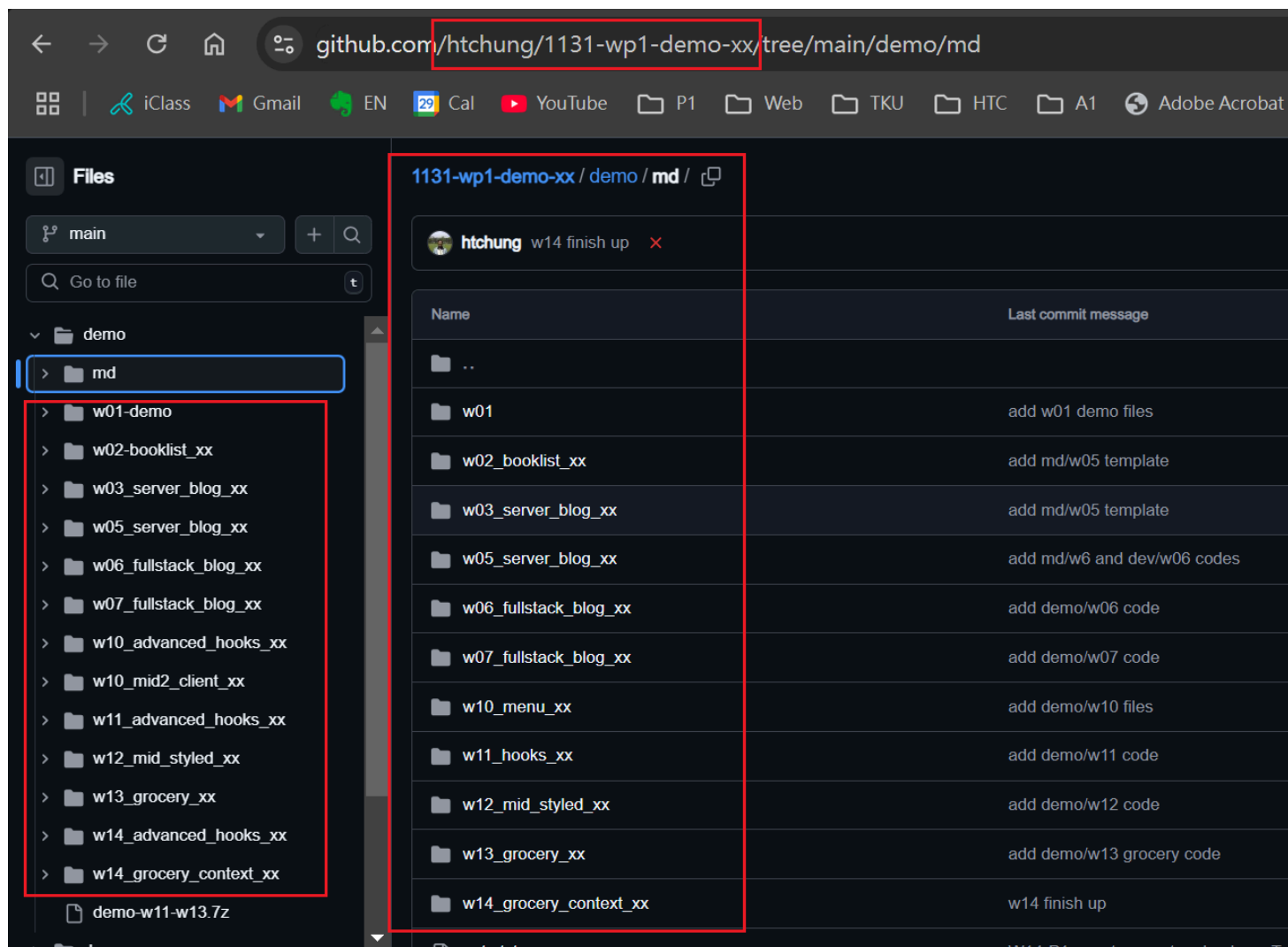
## (6%) P1: Show Your Github Repo for class demo

=> My Github repo URL

請給予你在 Github 上課 demo 的 URL，點選要能夠連到你的 Github repo

[My Github URL](#)

=> Github 右邊顯示全部的 md，左邊顯示全部的上課 demo



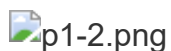
## Your Answer

=> My Github repo URL

請給予你在 Github 上課 demo 的 URL，點選要能夠連到你的 Github repo

My Github URL

=> Github 右邊顯示全部的 md，左邊顯示全部的上課 demo



## (10%) P2: Show your git commits for W10, w11, W12, W13, W14

github.com/htchung/1131-wp1-demo-xx/commits/main/?before=fc455679425271f298f3c7d8...

Commits on Nov 13, 2024

- add demo/w10 files  
htchung committed on Nov 13 · 0 / 1
- W10-P3: Implement P4Page\_xx.jsx that has menu filter function  
htchung committed on Nov 13 · 0 / 1
- W10-P2: store value1, value2, value3 using useState, and show results by clicking btns  
htchung committed on Nov 13 · 0 / 1
- W10-P1: Show how count data sync with UI  
htchung committed on Nov 13 · 0 / 1
- add dev/w10 advanced hooks tutorials  
htchung committed on Nov 13 · 0 / 1
- add client\_xx  
htchung committed on Nov 13 · 0 / 1
- remove client\_xx  
htchung committed on Nov 13 · 0 / 1
- add client\_xx  
htchung committed on Nov 13 · 0 / 1

github.com/htchung/1131-wp1-demo-xx/commits/main/?before=fc455679425271f298f3c7d8...

Commits on Nov 27, 2024

- add demo/w12 code  
htchung committed last month · 0 / 1
- W12-P3: Use mega menu theme (html, css) and make it a navbar using styled components  
htchung committed last month · 0 / 1
- W12-P2: Use styled component for Menu and Blog scss, and make it work correctly  
htchung committed last month · 0 / 1
- W12-P1: use createBrowserRouter and RouterProvider to build routes  
htchung committed last month · 0 / 1
- modify dev/w12 P4Page\_xx.jsx to add isLoading and isError  
htchung committed last month · 0 / 1
- add md/w12 and dev/w12 code  
htchung committed last month · 0 / 1

Commits on Nov 20, 2024

- add demo/w11 code  
htchung committed on Nov 20 · 0 / 1
- W11-P3: Use ternary operator to show login and logout  
htchung committed on Nov 20 · 0 / 1
- W11-P2: toggle Alert  
htchung committed on Nov 20 · 0 / 1
- W11-P1: Conditional rendering, show two cases: error and fetch data  
htchung committed on Nov 20 · 0 / 1

github.com/htchung/1131-wp1-demo-xx/commits/main/?before=fc455679425271f298f3c7d8...

Commits on Dec 4, 2024

- modify code for local storage in GroceryPage\_xx.jsx  
htchung committed 3 weeks ago · 0 / 1
- add demo/w13 grocery code  
htchung committed 3 weeks ago · 0 / 1
- W13-P5: Use localStorage to get and set items data  
htchung committed 3 weeks ago · 0 / 1
- W13-P4: Implement editItem  
htchung committed 3 weeks ago · 0 / 1
- W13-P3: Add react-toastify for alert, implement delete item  
htchung committed 3 weeks ago · 0 / 1
- W13-P2: Implement addItem, and display all items  
htchung committed 3 weeks ago · 0 / 1
- W13-P1: Show initially the form  
htchung committed 3 weeks ago · 0 / 1
- add md/w13 template and dev/w13 and dev/w14 grocery code  
htchung committed 3 weeks ago · 0 / 1

Commits on Nov 27, 2024

github.com/htchung/1131-wp1-demo-xx/commits/main/?before=fc455679425271f298f3c7d8...

htchung / 1131-wp1-demo-xx

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

### Commits

main

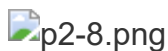
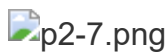
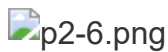
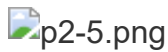
Commits on Dec 18, 2024

- add exams/quiz2 code and answers  
htchung committed last week · 0 / 1

Commits on Dec 11, 2024

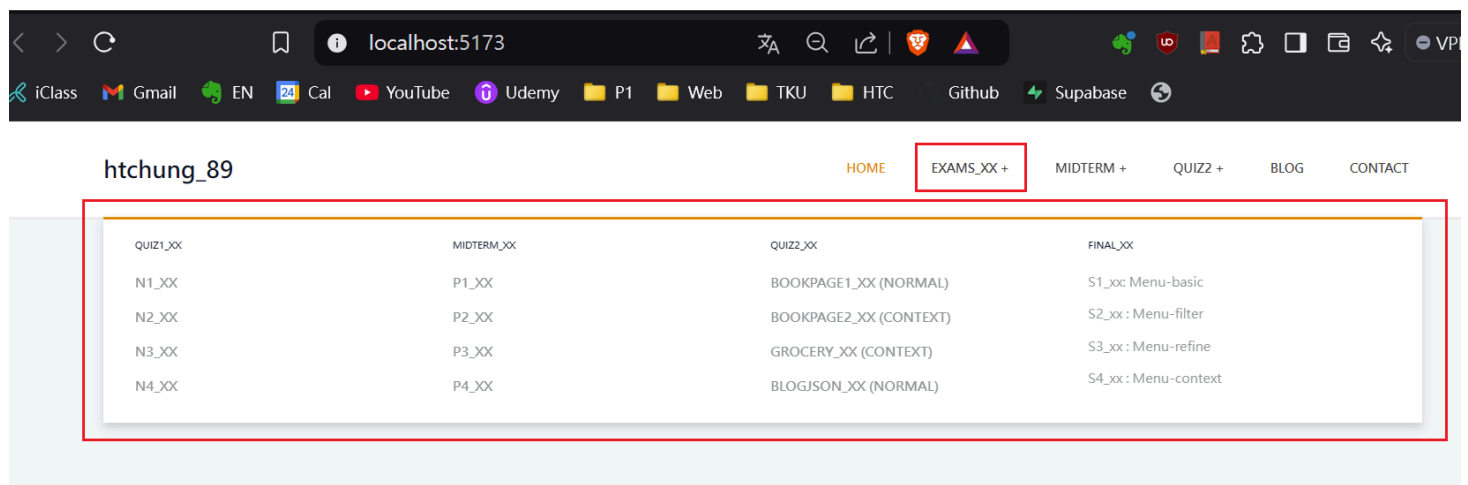
- w14 finish up  
htchung committed 2 weeks ago · 0 / 1
- add demo/w14 code  
htchung committed 2 weeks ago
- W14-P3: Convert w13 code into context api code  
htchung committed 2 weeks ago · 0 / 1
- W14-P2: Convert drop drilling code into context api code  
htchung committed 2 weeks ago · 0 / 1
- W14-P1: create a custom hook useToggle to toggle a button  
htchung committed 2 weeks ago · 0 / 1

## Your Answer



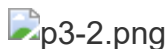
(8%) P3: 請用 Final1 老師所給的 code，修改 Mega Menu，顯示 quiz1, midterm, quiz2, final exams 中所有的題目編號如下圖，並要能執行 quiz2 中的 BlogJson\_xx (normal) 選項。

=> Chrome 中 Mega Menu 顯示



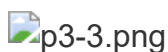
## Your Answer

=> Chrome 中 Mega Menu 顯示




=> 要能執行 quiz2 之 BlogJson\_xx (Normal)，請顯示在 Mega 選單中之設定

只要在路由與選單標示上，如題目要求要顯示你的學號後兩碼，不需要將路由指到的頁面(老師提供)code 之 xx 改成你的學號



**(16%) P4: 將 final1\_xx 考題，包含你所完成的結果，放入 一個新的 Github 中，repo 名稱 1131-2N-final-xx，並 push 到 Vercel**

=> 透過 git init 產生 local repo，然後在 Github 建立一個新的 repo，並用 git remote add origin 將 local repo 掛到遠端的 Github repo，指令參考如下圖

A terminal window with a dark background and light green text. The title bar reads "...or create a new repository on the command line". The terminal shows a series of git commands: echo "# 1131-wp1-final-xx" >> README.md, git init, git add README.md, git commit -m "first commit", git branch -M main, git remote add origin https://github.com/htchung/1131-wp1-final-xx.git, and git push -u origin main. The commands are grouped within a red rectangular border.

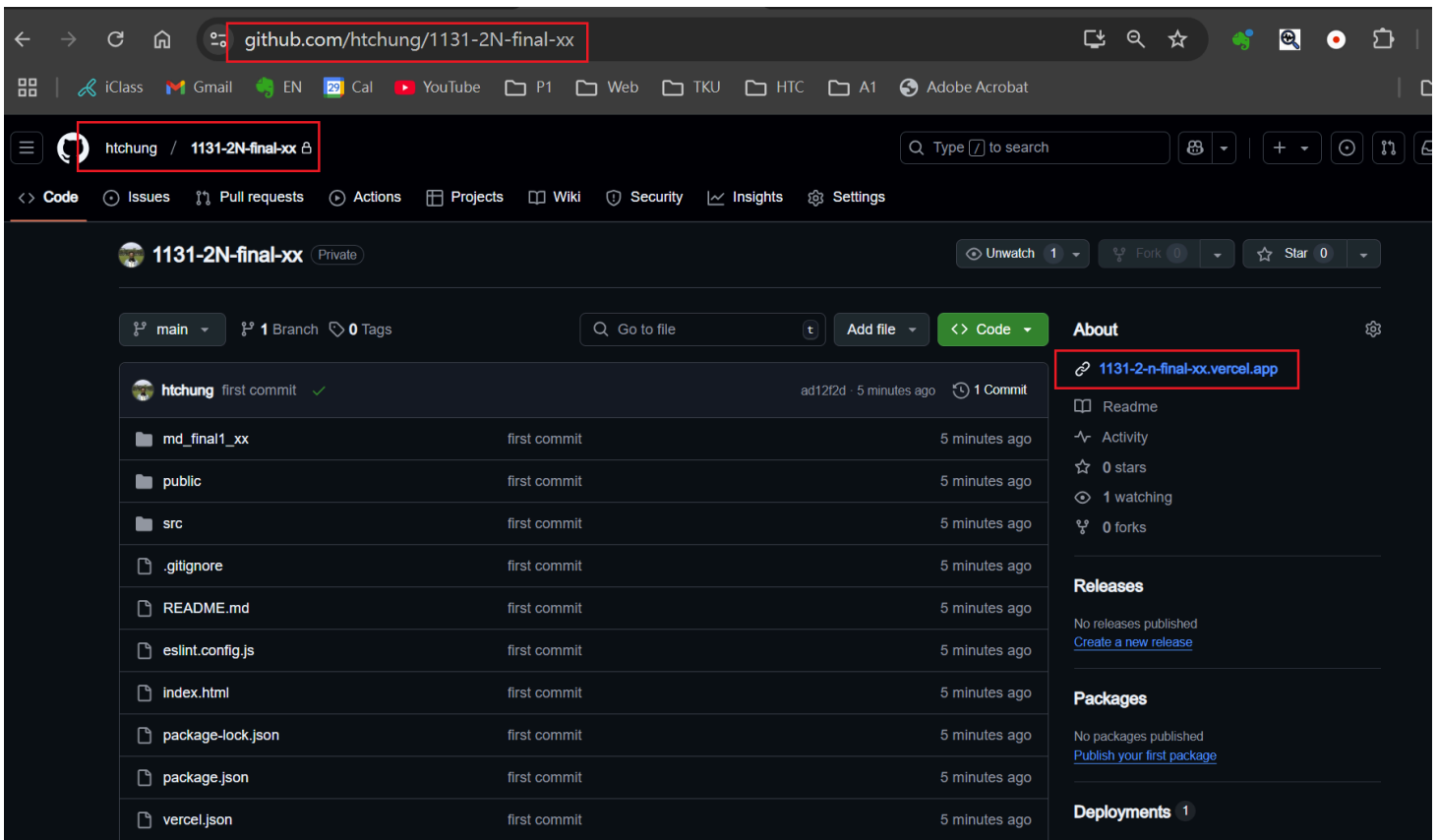
```
...or create a new repository on the command line

echo "# 1131-wp1-final-xx" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/htchung/1131-wp1-final-xx.git
git push -u origin main
```

**=> Final Github repo URL & Vercel URL**

[My Github URL for final exam](#)

[My Vercel URL for HomePage\\_xx](#)



=> 透過 Mega Menu 在 Vercel 上能執行 Midterm P4\_xx，可以從 Supabase 執行篩選 Breakfast 資料，路由是 /mid\_xx/p4\_xx


要記得將 .env 上的環境變數放入 Vercel 環境變數中

只要在路由與選單標示上，如題目要求要顯示你的學號後兩碼，不需要將路由指到的頁面(老師提供)code 之 xx 改成你的學號

1131-2-n-final-xx.vercel.app/mid\_xx/p4\_xx

### Fetch Supabase By Category: Hsingtai, 123456789

All **Breakfast** Lunch Dessert Shakes



1-buttermilk pancakes \$15.59

Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam.

Components

```

props
  1 State: [{-}, {-}, {-}]
  0: {category: "breakfast", descrip: "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam."}
  1: {category: "breakfast", descrip: "Lorem ipsum dolor sit amet consectetur adipisicing elit. Quam dolores ut iusto quas quia dignissimos ullam."}
  2 State: "breakfast"
  Effect: () => {}

rendered by
  react-dom@18.3.1

source
  index-BW7UsI2F.js:839
  
```

=> 透過 Mega Menu，在 Vercel 上能執行 Quiz2 BookPage2\_xx (context)，路由是 /quiz2/q2\_xx，截取的圖要顯示 books 是儲存在 context 中。

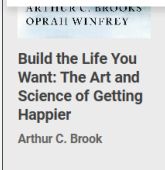
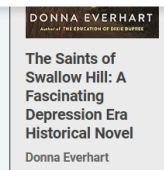
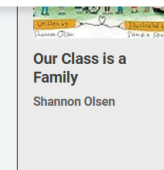
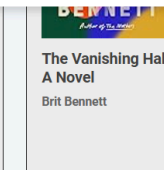
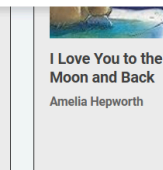
只要在路由與選單標示上，如題目要求要顯示你的學號後兩碼，不需要將路由指到的頁面(老師提供)code 之 xx 改成你的學號

1131-2-n-final-xx.vercel.app/quiz2/q2\_xx

htchung\_89

HOME EXAMS\_XX + MIDTERM + QUIZZ + BLOG CONTACT

QUIZ1_XX	MIDTERM_XX	QUIZZ_XX	FINAL_XX
N1_XX	P1_XX	BOOKPAGE1_XX (NORMAL)	S1_xx: Menu-basic
N2_XX	P2_XX	<b>BOOKPAGE2_XX (CONTEXT)</b>	S2_xx: Menu-filter
N3_XX	P3_XX	GROCERY_XX (CONTEXT)	S3_xx: Menu-refine
N4_XX	P4_XX	BLOGJSON_XX (NORMAL)	S4_xx: Menu-context

Components

```

Context.Provider
  books: [{-}, {-}, {-}, {-}, {-}, {-}]
  0: {author: "Arthur C. Brook", id: 1, img: "/quiz2_xx/..."}
  1: {author: "Donna Everhart", id: 2, img: "/quiz2_xx/bo..."}
  2: {author: "Shannon Olsen", id: 3, img: "/quiz2_xx/bo..."}
  3: {author: "Brit Bennett", id: 4, img: "/quiz2_xx/boo..."}
  4: {author: "Amelia Hepworth", id: 5, img: "/quiz2_xx/..."}
  5: {author: "Tom Vitale", id: 6, img: "/quiz2_xx/book-..."}
  
```

https://1131-2-n-final-xx.vercel.app/quiz2/q2\_xx




## Your Answer

=> Final Github repo URL & Vercel URL

[My Github URL for final exam](#)

[My Vercel URL for HomePage\\_xx](#)

p4-4.png

=> 透過 **Mega Menu** 在 **Vercel** 上能執行 **Midterm P4\_xx**，可以從 **Supabase** 執行篩選 **Breakfast** 資料，路由是 **/mid\_xx/p4\_xx**

p4-5.png

=> 透過 **Mega Menu** 在 **Vercel** 上能執行 **Quiz2 BookPage2\_xx (context)**，路由是 **/quiz2/q2\_xx**，截取的圖要顯示 **books** 是儲存在 **context** 中。

p4-6.png