

(12.5%) 靜態網頁 期中考-1 -- 開放網路

2023-11-09, at E201

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。
2. iClass 上請繳交 w9_mid1_xx.md, w19_mid1_xx.pdf, mid1_xx.zip (如有需要，請移除圖片)，所有程式請 git push 到 Github，助教可以檢查。
3. 老師將題目提供在 w9_mid1_xx.md 檔案上，要實作的部分放在 w9_mid1_htc.pdf 上，請依照老師實作的圖片在你自己的 Github repo, Vercel 上實作
4. 每一張圖片要有左側機房背景，圖片標註要跟老師所標註的類似。違者會依情節扣分。
5. 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): (name, id)

P1 (30%): 基本題

- P1-1 (6%): ? 分
- P1-2 (6%): ? 分
- P1-3 (6%): ? 分
- P1-4 (6%): ? 分
- P1-5 (6%): ? 分

P2 (40%): 課堂實作延伸題 (card)

- P2-1 (20%): ? 分
- P2-2 (20%): ? 分

P3 (30%): 課堂實作延伸題 (選單)

- P3-1 (15%): ? 分
- P3-2 (15%): ? 分
- 總分: ? 分

(30%) P1: 基本題

(6%) P1-1: Show Your Github Repo

My Github Repo URL

The screenshot shows a GitHub repository page for 'htchung / 1121-sweb-demo-id'. The repository is private. The main branch is 'main' with 1 branch and 0 tags. The code tab is selected. On the left, there's a sidebar with file/folder icons: .vscode, css, demo, dev, exams/quiz1, js, and index.html. The commit history shows 45 commits. One commit by 'aa4652f' from 8 minutes ago is highlighted. On the right, there's an 'About' section with a link to '1121-sweb-demo-id.vercel.app', an 'Activity' section (0 stars, 1 watching, 0 forks), a 'Releases' section (no releases published), and a 'Packages' section.

htchung / 1121-sweb-demo-id

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

1121-sweb-demo-id (Private)

main 1 branch 0 tags

Go to file Add file <> Code

htchung add exams/quiz1

.vscode add /dev/w07 codes 2 weeks ago

css add index.html as home page 2 weeks ago

demo add demo/md/w08_xx template last week

dev add exams/quiz1 8 minutes ago

exams/quiz1 add exams/quiz1 8 minutes ago

js add index.html as home page 2 weeks ago

index.html add index.html as home page 2 weeks ago

45 commits

About

1121-sweb-demo-id.vercel.app

Activity

0 stars

1 watching

0 forks

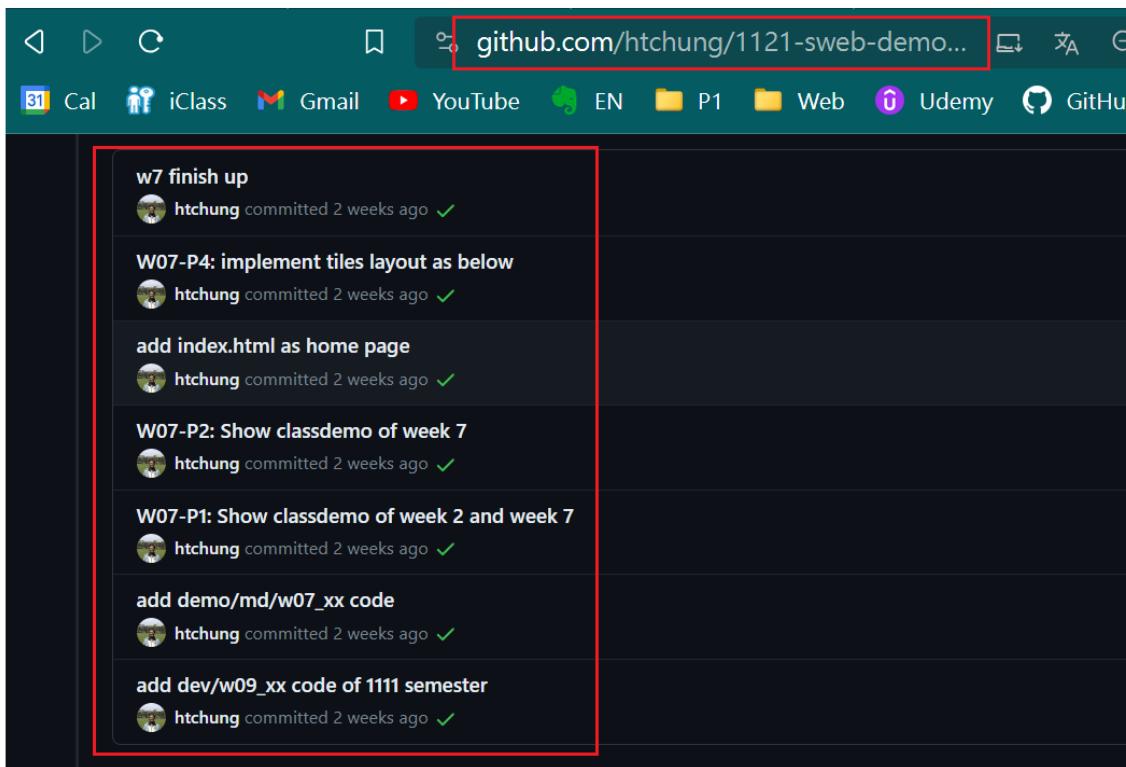
Releases

No releases published

Create a new release

Packages

(6%) P1-2: Show Your Github commits of week 7



(6%) P1-3: Show Your Vercel page for class demo of week 5

My Vercel URL of demo W5

```
<!DOCTYPE html>
<html lang="en">
  <head> ...
  </head>
  <body>
    <nav class="nav"> ...
    <div class="show-classdemo" style="width: 100%; height: 92vh; background-color: #rgba(152, 230, 230, 0.5);>
      <iframe src="./w05_xx_blogs/index.html" style="width: 100%; height: 100%; border: none; margin: 0; padding: 0;"/>
    </div>
    <script src="./script_xx.js"></script>
  </body>
</html>
```

html body div.show-classdemo

element.style {

.show-classdemo {

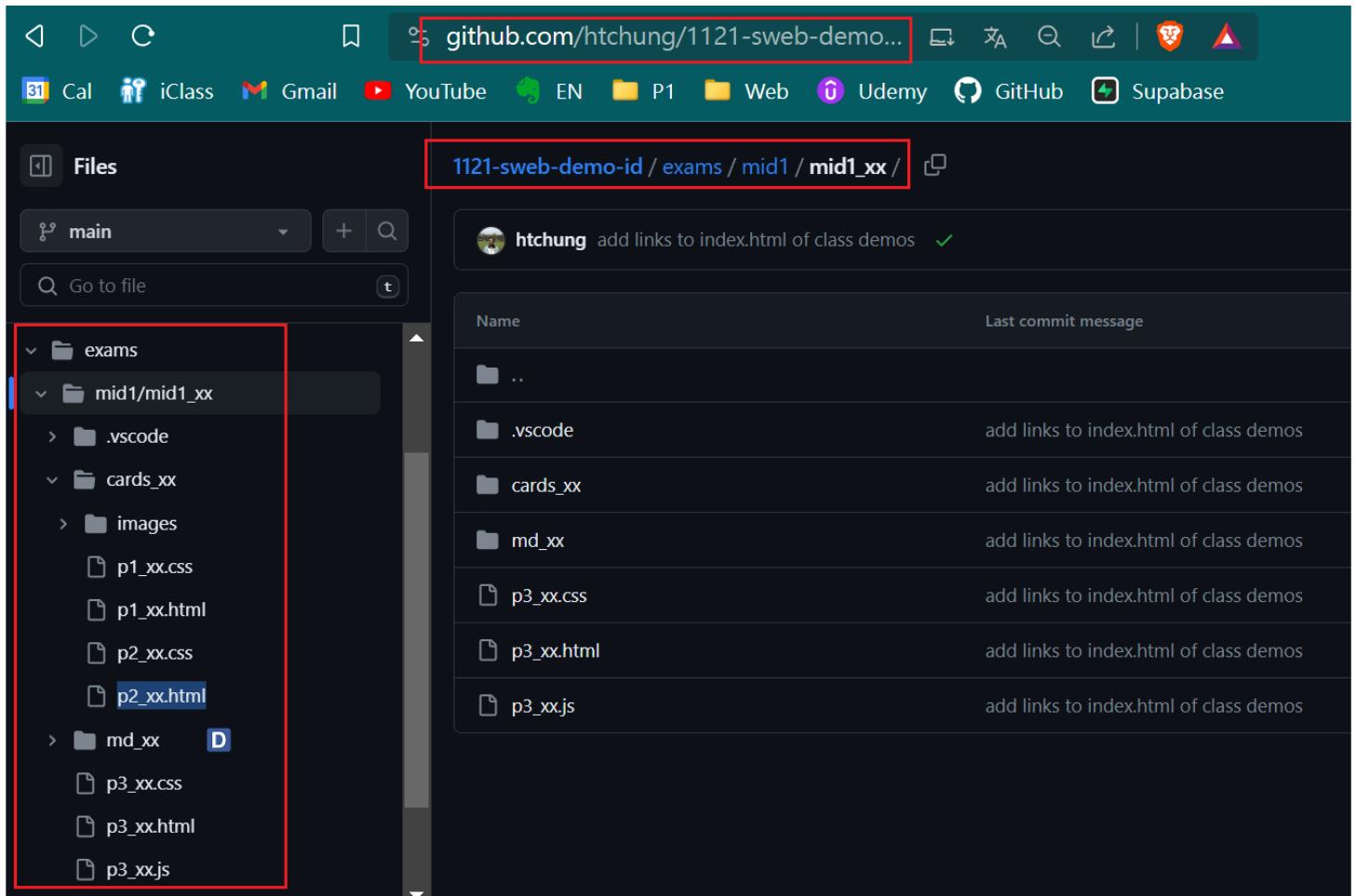
* {

style_xx.css:125

style_xx.css:1

user agent stylesheet

(6%) P1-4: 將本次考題 mid1_xx 目錄下所有內容放入 exams/mid1 中，並將所有出現 xx 的目錄或檔案改成你的學號後兩碼，git push 到 Github 顯示如下圖



(6%) P1-5: P1 git push 到 Github · 並顯示 git log

The screenshot shows a GitHub repository page for 'htchung / 1121-sweb-demo-id'. The 'Code' tab is selected. Below it, the 'Commits' section shows the 'main' branch. A red box highlights the first commit in the list:

- Commits on Nov 9, 2023
 - P1-5: P1 git push 到 Github · 並顯示 git log
htchung committed 1 minute ago ✓
 - add links to index.html of class demos
htchung committed 13 minutes ago ✓
 - add exams/quiz1
htchung committed 33 minutes ago ✓

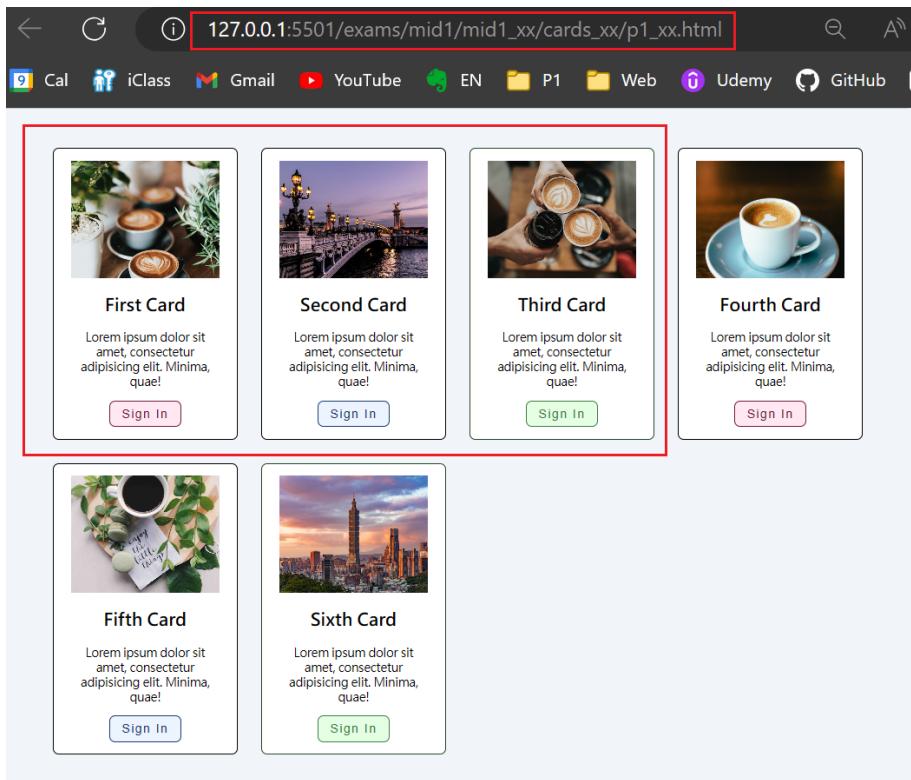
```
git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-11-08"
```

```
2f7e5f9 htchung Thu Nov 9 11:27:51 2023 +0800 P1-5: P1 git push 到 Github · 並顯示 git log
```

(40%) P2: class demo 延伸題 -- card

Note: 本大題是根據 quiz1 而來，原先老師放在 p1_xx.html 內的 class 不要更動，可新增其他 html, css 以回答本大題。

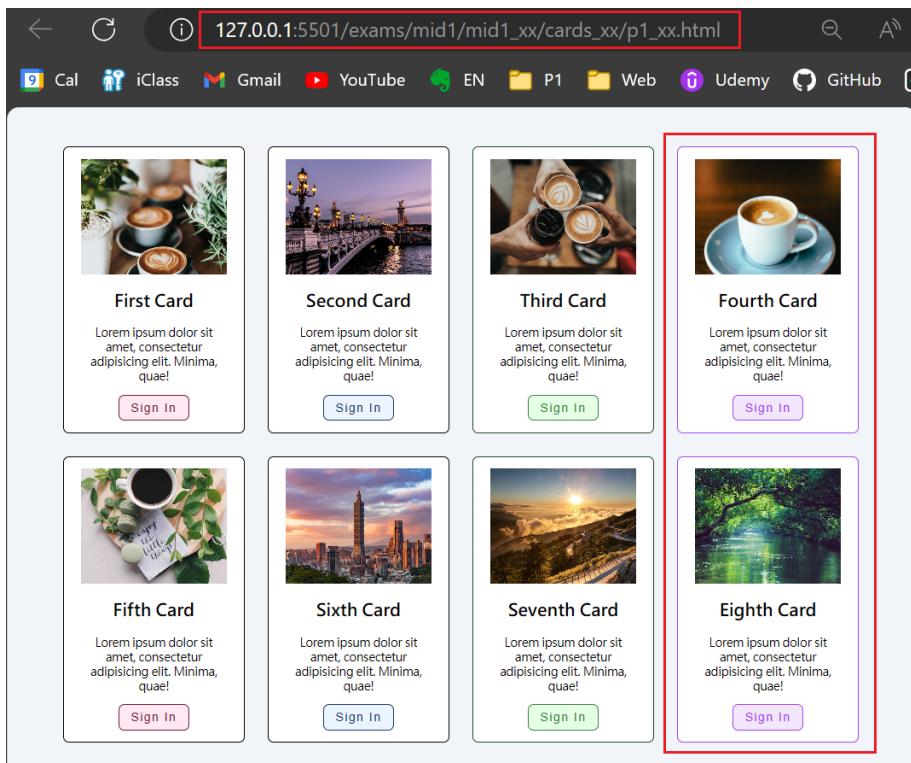
(20%) P2-1: 請根據老師所給的 p1_xx.html，原先是 6 張卡片，如下圖，



```
<style lang="en" type="text/css" id="dark-mode-custom-style"></style>
<style lang="en" type="text/css" id="dark-mode-native-style"></style>
<style lang="en" type="text/css" id="dark-mode-native-sheet"></style>
► <head> ... </head>
▼ <body>
  ► <span id="warning-container">...</span>
  ▼ <div class="cards">
    ... <div class="cards-center"> (grid) == $0
      ► <div class="card card-1"> ... </div>
      ► <div class="card card-2"> ... </div>
      ► <div class="card card-3"> ... </div>
      ► <div class="card card-1"> ... </div>
      ► <div class="card card-1"> ... </div>
      ► <div class="card card-3"> ... </div>
    </div>
    ► <div id="extwaiokist" style="display:none" v="nipgg" q="2e1e2b7a" c="1128." i="1142" u="49.00" s="11042302" sg="svr_09102316-ga_11042302-bai_10232316" d="1" w="false" e a="3" m="BMe=" ... </div>
  ... </div>
</body>
</html>
```

請修改 p1_xx.html，並設定 css grid，每一列顯示 4 張 cards，要顯示 8 張卡片 (photo-1.jpg ~ photo-8.jpg)，加入一個新的色系，rgb(161, 68, 238)，讓 8 張圖片以紅藍綠紫，紅藍綠紫方式呈現。新的色系背景(background-color)及邊界(border)請用 rgba(161, 68, 238, ?)的方式來表示

=> 本機端顯示

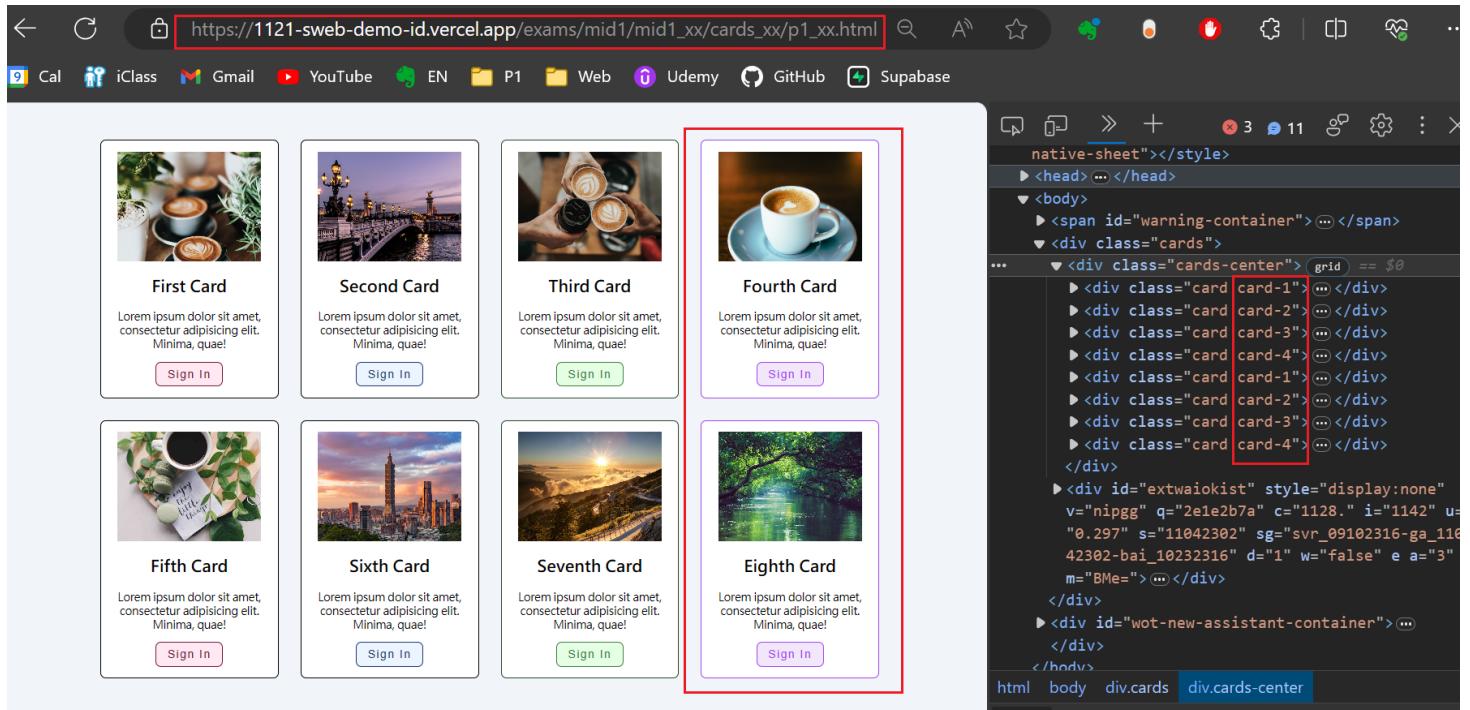


```
<style lang="en" type="text/css" id="dark-mode-custom-style"></style>
<style lang="en" type="text/css" id="dark-mode-native-style"></style>
<style lang="en" type="text/css" id="dark-mode-native-sheet"></style>
► <head> ... </head>
▼ <body>
  ► <span id="warning-container">...</span>
  ▼ <div class="cards">
    ... <div class="cards-center"> (grid) == $0
      ► <div class="card card-1"> ... </div>
      ► <div class="card card-2"> ... </div>
      ► <div class="card card-3"> ... </div>
      ► <div class="card card-4"> ... </div>
      ► <div class="card card-1"> ... </div>
      ► <div class="card card-2"> ... </div>
      ► <div class="card card-3"> ... </div>
      ► <div class="card card-4"> ... </div>
    </div>
    ► <div id="extwaiokist" style="display:none" v="nipgg" q="2e1e2b7a" c="1128." i="1142" u="0.175" s="11042302" sg="svr_09102316-ga_11042302-bai_10232316" d="1" w="false" e a="3" m="BMe=" ... </div>
  ... </div>
</body>
</html>
```

=> 顯示所有新色系會用到的 css，包含變數設定及相關 card-4, btn-4 等 class 之 css，請以多視窗顯示，截一張圖繳交



=> Git push 到 Vercel，能顯示本題結果

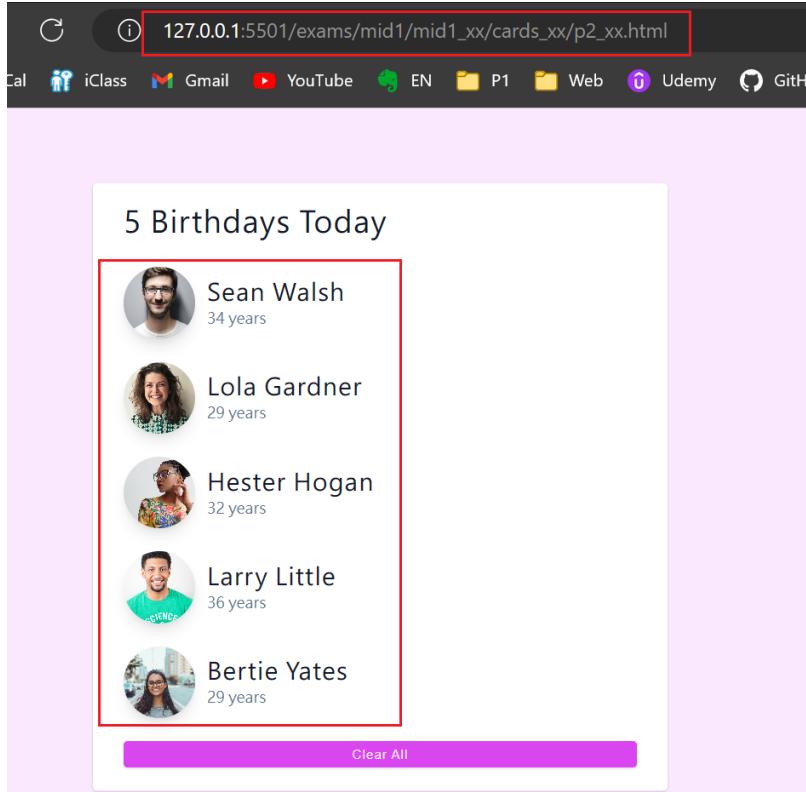


The screenshot shows a browser window with a grid of eight cards. The fourth card from the top-left is highlighted with a red border. The developer tools sidebar on the right displays the HTML and CSS code for the page. The CSS code includes definitions for classes like 'card-1' through 'card-4' and 'btn-4'. A red box highlights the 'card-4' class in the CSS code.

```
native-sheet"></style>
<head> ... </head>
<body>
  <span id="warning-container">...</span>
  <div class="cards">
    <div class="cards-center">(grid) == $0
      <div class="card card-1">...</div>
      <div class="card card-2">...</div>
      <div class="card card-3">...</div>
      <div class="card card-4">...</div>
      <div class="card card-1">...</div>
      <div class="card card-2">...</div>
      <div class="card card-3">...</div>
      <div class="card card-4">...</div>
    </div>
    <div id="extwaiokist" style="display:none" v="nippg" q="2e1e2b7a" c="1128." i="1142" u="0.297" s="11042302" sg="svr_09102316-ga_11042302-bai_10232316" d="1" w="false" e a="3" m="BMe=">...</div>
  </div>
</body>
</html>
```

**(20%) P2-2: 請根據老師已給的 p2_xx.html, p2_xx.css 實作畫面如下，
p2_xx.html 裡面所設定的 class 名稱請不要修改。**

=> 本機端顯示



The screenshot shows a browser window displaying a list of five people with their names and ages. The list is contained within a red-bordered box. The browser's developer tools are open, showing the HTML code. A red box highlights the section of the code where the list items are defined, specifically the `<article class="person">` tags.

```
</style>
<style lang="en" type="text/css" id="dark-mode-native-style">
</style>
<style lang="en" type="text/css" id="dark-mode-native-sheet">
</style>
▶ <head> ... </head>
▼ <body>
  ▶ <span id="warning-container">...</span>
  ▶ <main> (flex)
    ▶ <section class="container">
      <h3>5 birthdays today</h3>
      ...
      ▶ <section>
        ▶ <article class="person">...</article> (grid) == $0
        ▶ <article class="person">...</article> (grid)
        ▶ <article class="person">...</article> (grid)
        ▶ <article class="person">...</article> (grid)
        ▶ <article class="person">...</article> (grid)
      </section>
      <button type="button" class="btn btn-block">clear all</button>
    </section>
  </main>
  <!-- Code injected by live-server -->

```

html body main section.container section article.person

樣式 已計算 版面配置 事件接聽程式 DOM 中斷點 內容 >

=> 顯示 p2_xx.css 本題用到的部分，只要一張截圖即可，同一個 css 可以在多個試窗中顯示



=> Vercel 上顯示

The screenshot shows a web browser window with the URL https://1121-sweb-demo-id.vercel.app/exams/mid1/mid1_xx/cards_xx/p2_xx.html. The main content area displays a list titled "5 Birthdays Today" with five entries, each showing a profile picture, name, and age. A red box highlights this list. The browser's developer tools are open on the right side, showing the DOM structure. A red box highlights the specific section of the DOM where the list is rendered. The developer tools also show various tabs like 樣式 (Style), 已計算 (Computed), 版面配置 (Layout), etc.

```
<link type="text/css" rel="stylesheet" id="dark-mode-general-link">
<style lang="en" type="text/css" id="dark-mode-custom-style"></style>
<style lang="en" type="text/css" id="dark-mode-native-style"></style>
<style lang="en" type="text/css" id="dark-mode-native-sheet"></style>
▶ <head> ... </head>
▼ <body>
  ▶ <span id="warning-container">...</span>
  ▼ <main> (flex)
    ▶ <section class="container">
      <h3>5 birthdays today</h3>
      ▼ <section>
        ▶ <article class="person">...</article> (grid)
        ▶ <article class="person">...</article> (grid) == $0
        ▶ <article class="person">...</article> (grid)
        ▶ <article class="person">...</article> (grid)
        ▶ <article class="person">...</article> (grid)
      </section>
      <button type="button" class="btn btn-block">clear all</button>
    </section>
  </main>
  ▶ <div id="wot-new-assistant-container">...</div>
</body>
</html>
```

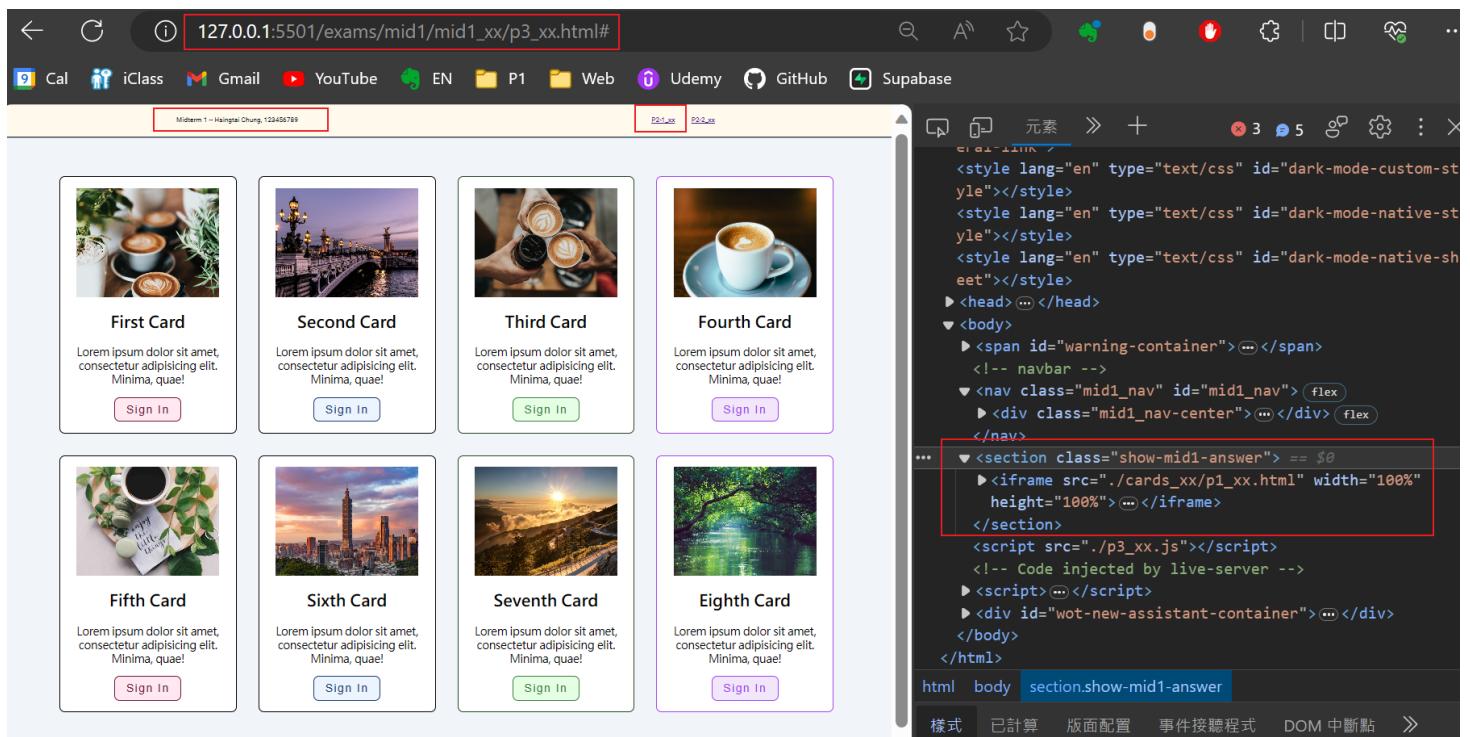
html body main section.container section article.person

樣式 已計算 版面配置 事件接聽程式 DOM 中斷點 內容 幫助工具 >

(30%) P3: class demo 延伸題 -- nav

(15%) P3-1: 請根據老師所給的 p3_xx.html，在 html 加入你的學號姓名，並加入 css，顯示選單如下圖，p3_xx.html 老師已給的部分，除非有必要，不能隨意修改（成跟上課 demo 的一樣）。

=> P2-1_xx 題，瀏覽器結果



The screenshot shows a web browser window with a grid of eight cards. Each card contains a small image, a title, a short description, and a 'Sign In' button.

First Card	Second Card	Third Card	Fourth Card
			
First Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae!	Second Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae!	Third Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae!	Fourth Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae!
<button>Sign In</button>	<button>Sign In</button>	<button>Sign In</button>	<button>Sign In</button>
Fifth Card	Sixth Card	Seventh Card	Eighth Card
			
Fifth Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae!	Sixth Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae!	Seventh Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae!	Eighth Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae!
<button>Sign In</button>	<button>Sign In</button>	<button>Sign In</button>	<button>Sign In</button>

The browser's developer tools are open, showing the DOM structure. A red box highlights the section where the iframe is placed:

```
<style lang="en" type="text/css" id="dark-mode-custom-style"></style>
<style lang="en" type="text/css" id="dark-mode-native-style"></style>
<style lang="en" type="text/css" id="dark-mode-native-sheet"></style>
<head> ... </head>
<body>
  <span id="warning-container">...</span>
  <!-- navbar -->
  <nav class="mid1_nav" id="mid1_nav"> (flex)
    <div class="mid1_nav-center">...</div> (flex)
  </nav>
  ...
  <section class="show-mid1-answer"> == $0
    <iframe src=".//cards_xx/p1_xx.html" width="100%" height="100%">...</iframe>
  </section>
  <script src=".//p3_xx.js"></script>
  <!-- Code injected by live-server -->
  <script>...</script>
  <div id="wot-new-assistant-container">...</div>
</body>
</html>
```

=> P2-2_xx 題，瀏覽器結果

The screenshot shows a browser window with the URL `127.0.0.1:5501/exams/mid1/mid1_xx/p3_xx.html#`. The page content is a list of five people with their names, ages, and profile pictures. Below the list is a purple 'Clear All' button. The browser's developer tools are open, displaying the DOM structure. Two specific sections are highlighted with red boxes: the navigation bar header (`<div class="mid1_nav-header"> Midterm 1 -- Hsingtai Chung, 123456789 </div>`) and the 'show-mid1-answer' section (`<section class="show-mid1-answer"> <iframe src=".//cards_xx/p2_xx.html" width="100%" height="100%"> ... </iframe> </section>`). The developer tools interface includes tabs for 樣式 (Style), 已計算 (Computed), 版面配置 (Layout), 事件接聽程式 (Event Listener), and DOM 中斷點 (DOM Breakpoint).

=> p3_xx.js 截圖



=> P3_xx.css 截圖 (放入兩個視窗，一張圖顯示)



(15%) P3-2: 本題主要實作 landing page，要將 P2-1, P2-2 結果顯示在同一個網頁上。點選 P2-1 時，跳至 P2-1 題答案，點選 P2-2 時，跳至 P2-2 答案。

請先將 p3_xx.css 含選單部分 css 複製一份到 p4_xx.css。用老師已給的 p4_xx.html，開始作答。

p4_xx.html 老師已經寫好的框架及 class 名稱，除非必要請不要改變。

要使用 navbar-fixed，讓選單固定在畫面上。點選 P2-2_x 要看到此固定選單，但當點選 P2-1_xx 時，navbar-fixed 選單固定會不見。

=> 點選 P2-1_xx

如果 css 跑掉，請自行修改成類似下圖

127.0.0.1:5501/exams/mid1/mid1_xx/p4_xx.html#section-p2-1

Midterm 1: P3-2 – Hsingtai Chung, 123456789

P2-1_xx P2-2_xx

```
<!DOCTYPE html>
<html lang="en" coupert-item="9AF8D9A4E502F3784AD24272D8F0381">
  <style lang="en" type="text/css" id="dark-mode-custom-style"></style>
  <style lang="en" type="text/css" id="dark-mode-native-style"></style>
  <style lang="en" type="text/css" id="dark-mode-native-sheet"></style>
  <head> ... </head>
  <body>
    <span id="warning-container">...</span>
    <!-- navbar -->
    <nav class="mid1_nav" id="mid1_nav">...</nav>
    <div id="section-p2-1" class="p2-1">
      <section class="cards">...</section>
    </div> == $0
    <div id="section-p2-2" class="p2-2">...</div>
    <script src=".//p4_xx.js"></script>
    <!-- Code injected by live-server -->
    <script>...</script>
    <div id="wot-new-assistant-container">...</div>
  </body>
```

=> 點選 P2-2_xx

如果 css 跑掉，請自行修改成類似下圖

127.0.0.1:5501/exams/mid1/mid1_xx/p4_xx.html#section-p2-2

Midterm 1: P3-2 – Hsingtai Chung, 123456789

P2-1_xx P2-2_xx

```
<!DOCTYPE html>
<html lang="en" coupert-item="9AF8D9A4E502F3784AD24272D8F0381">
  <style lang="en" type="text/css" id="dark-mode-custom-style"></style>
  <style lang="en" type="text/css" id="dark-mode-native-style"></style>
  <style lang="en" type="text/css" id="dark-mode-native-sheet"></style>
  <head> ... </head>
  <body>
    <span id="warning-container">...</span>
    <!-- navbar -->
    <nav class="mid1_nav navbar-fixed" id="mid1_nav">...</nav>
    <div id="section-p2-1" class="p2-1">...</div>
    <div id="section-p2-2" class="p2-2"> == $0
      <main> flex
        <section class="container">...</section>
      </main>
    </div>
    <script src=".//p4_xx.js"></script>
    <!-- Code injected by live-server -->
  </body>
```

=> 顯示本題對應的 html (用多個視窗呈現，截一張圖)



=> 顯示本題對應的 css (用多個視窗呈現，截一張圖)



=> 顯示本題對應的 js (用多個視窗呈現，截一張圖)

w9-p3-2-5.png