

# (60%) 靜態網頁小考 -- 斷網考試

2024-11-14, 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，情節嚴重者會送校。
2. iClass 上請繳交 mid1\_xx.pdf，還有 mid1\_xx.zip 兩個檔案。
3. 請直接將答案寫在 mid1\_xx.md 上，老師出題及圖片放在 mid1\_htc.pdf 上，請依照老師所給的圖片來實作並標註
4. 跟期中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): (?, ?)

## 題目及配分

- P1 (10%): ? 分
- P2 (20%): ? 分
- P3 (20%): ? 分
- P4 (10%): ? 分

總分: ? 分

## (10%) P1: 請根據老師所提供的 p1\_xx.html, p1\_xx.css 修改之，加入第四個色系，並完成下圖。請依下面步驟一一將之完成。

取圖片的順序，從你的學號最後一碼，往下取兩張圖片，如果走到底，再從頭開始取，學號最後一碼最後一碼為 0 者，直接從 1 取。在 title 前加入所取圖片最後一個數字。

本題老師採用學號最後一碼是 7 來顯示，每個同學有可能不同，請注意。

第四個色系變數資料如下

```

: root {
  --card-4-color: #7c6a40;
  --card-4-background: #e8e4db;
  --card-4-border: 2px solid #8a8578;
}

```

The screenshot shows a web page with a grid of 8 cards. Each card contains a small image, a title, and a 'Sign In' button. The developer tools are open, highlighting the CSS for the card container and the individual cards.

```

<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>

html body div.cards div.cards-center

```

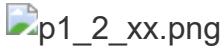
```

.cards {
  display: grid;
  grid-template-columns: repeat(4, 1fr);
  gap: 10px;
  width: var(--fluid-width);
  max-width: var(--max-width);
  min-width: 300px;
  margin: 0 auto;
  max-width: 500px;
}

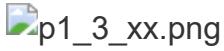
```

## Your Answer

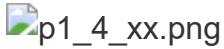
=> Chrome 顯示



=> p1\_xx.html 相關修改過的 code 重點截圖

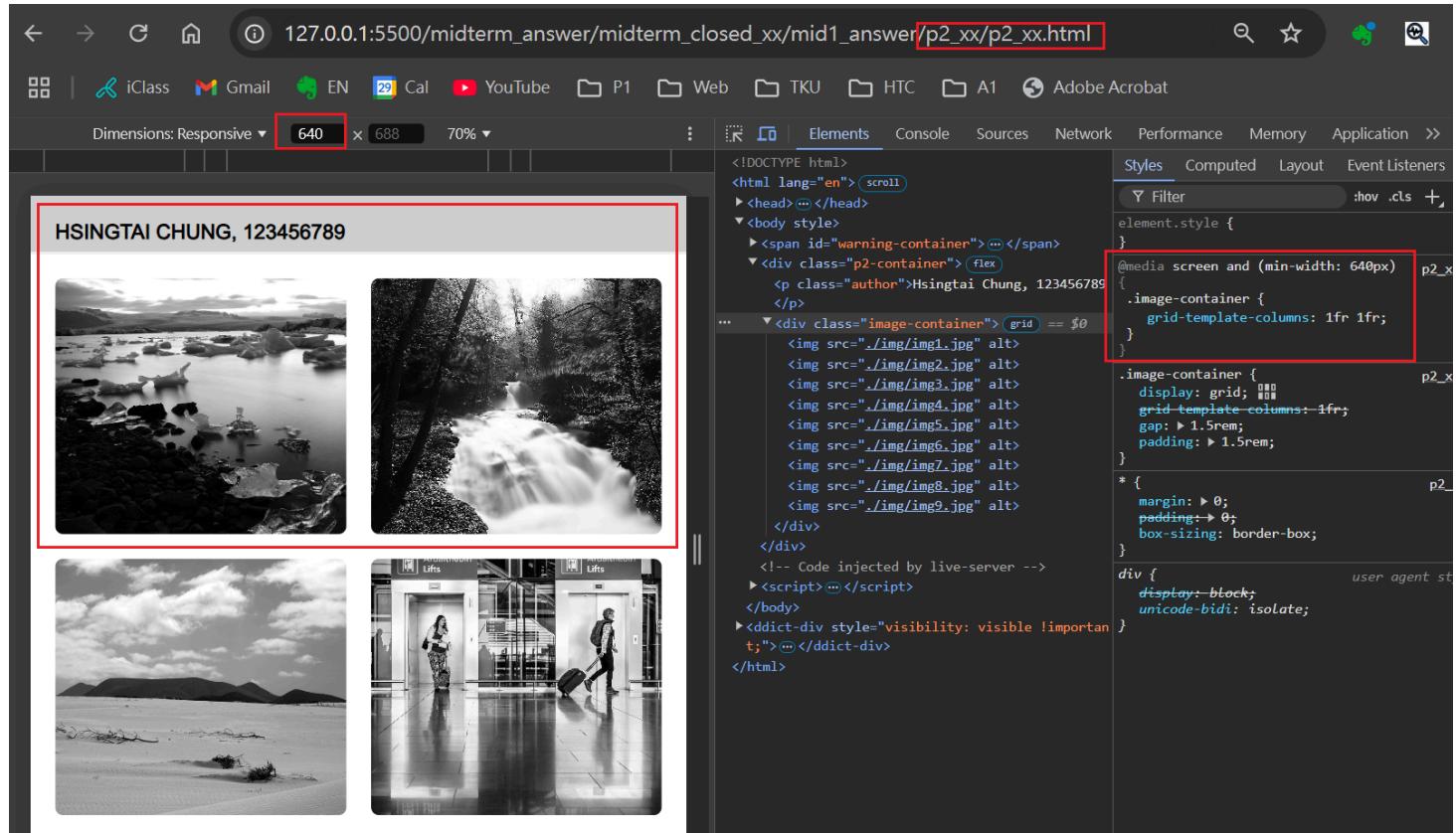


=> p1\_xx.css 相關修改過的 code 重點截圖



## (20%) P2: 請用老師提供的 p2\_xx.html 及 p2\_xx.css · 修改之提供下列響應式的輸出

=> 當螢幕寬度介於 640px~767px · 一行顯示 2 張卡片



The screenshot shows a browser window with the URL `127.0.0.1:5500/midterm_answer/midterm_closed_xx/mid1_answer/p2_xx/p2_xx.html`. The browser's developer tools are open, specifically the Elements and Styles tabs. The page content consists of two cards, each containing a title and a grid of images. The first card has the title "HSINGTAI CHUNG, 123456789" and contains two images of landscapes. The second card contains two images of landscapes. The browser's dimensions are set to 640px width and 688 height. The developer tools show the CSS code for the grid layout, including a media query for screens with a minimum width of 640px. The media query defines a grid with two columns of `1fr` width each.

```
<!DOCTYPE html>
<html lang="en"> <!-- scroll -->
  <head> <!-->
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Hsingtai Chung, 123456789</title>
  </head>
  <body style="text-align: center;"> <!-->
    <div id="warning-container"><!-->
      <p>Warning: This page is not yet finished!</p>
    </div>
    <div class="p2-container" style="display: flex; justify-content: space-around; align-items: flex-start;"> <!-->
      <div class="image-container" style="flex: 1;"> <!-->
        
        
      </div>
      <div class="image-container" style="flex: 1;"> <!-->
        
        
      </div>
    </div>
  </body>
</html>
```

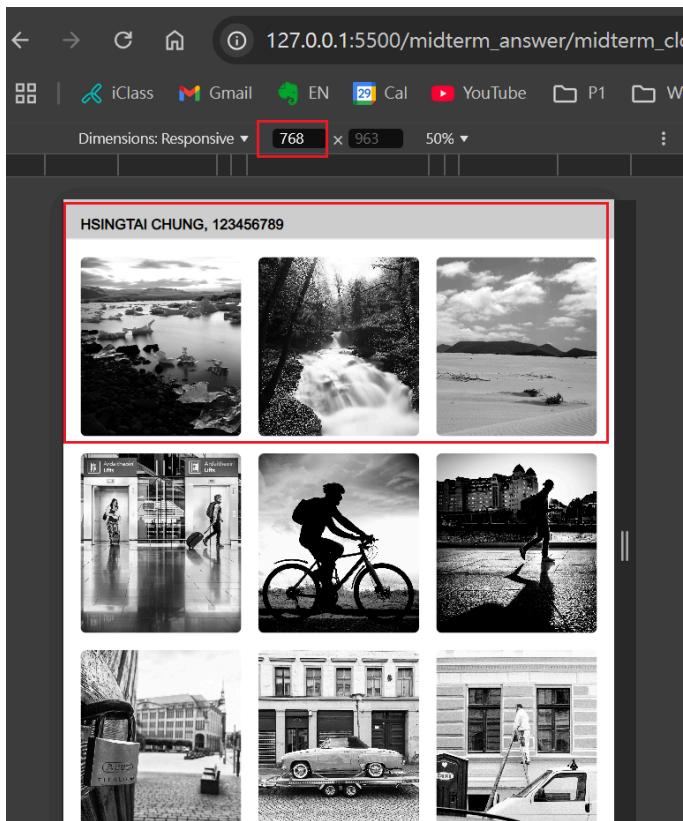
```
/* Styles */
body {
  margin: 0;
  padding: 0;
  font-family: Arial, sans-serif;
}

.image-container {
  border: 1px solid #ccc;
  padding: 10px;
  margin-bottom: 10px;
}

.image-container img {
  width: 100%;
  height: 100px;
  object-fit: cover;
}

/* Responsive */
@media screen and (min-width: 640px) {
  .image-container {
    grid-template-columns: 1fr 1fr;
    gap: 10px;
  }
}
```

=> 當螢幕寬度介於 768px~1023px · 一行顯示 3 張卡片



The screenshot shows a web browser window with the URL `127.0.0.1:5500/midterm_answer/midterm_closed_xx/mid1_answer/p2_xx/p2_xx.html`. The page displays a grid of 9 black and white photographs. At the top left, there is a header with the text "HSINGTAI CHUNG, 123456789". The browser's developer tools are open, specifically the Elements tab, which shows the HTML structure and CSS styles. A red box highlights the dimension "768" in the browser's header. In the CSS panel, a media query for "min-width: 768px" is highlighted, defining a grid with 3 columns (1fr 1fr 1fr). The browser's status bar at the bottom shows a width of 963.

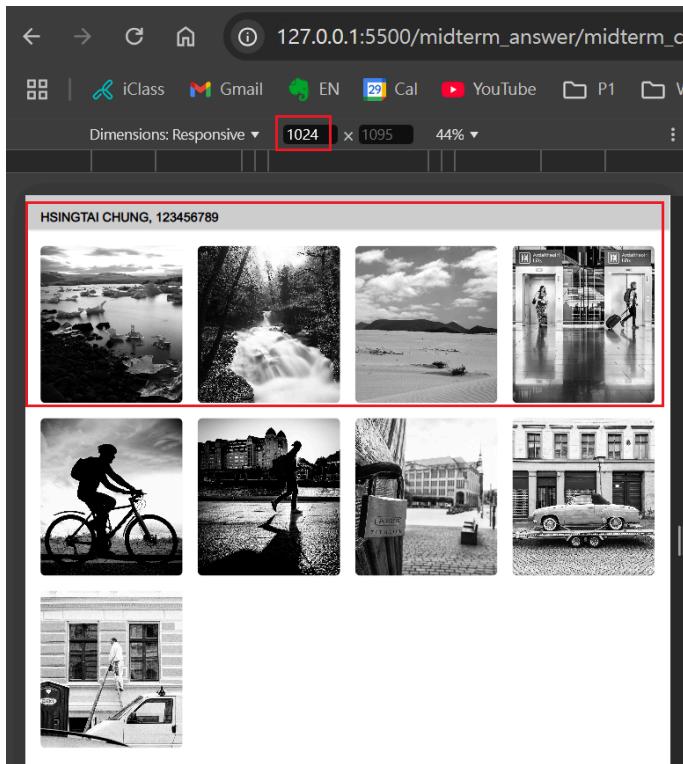
```
<!DOCTYPE html>
<html lang="en">
  <head> ...
    <body style="display: flex; justify-content: space-around; align-items: center; margin: 0; padding: 0;">
      <span id="warning-container"> ...
      <div class="p2-container" style="flex: 1; text-align: center; margin: 0; padding: 0;">
        <p class="author" style="margin: 0; padding: 0;">Hsingtai Chung, 123456789

...</p>
      <div class="image-container" style="display: grid; grid-template-columns: 1fr 1fr 1fr; gap: 1.5rem; padding: 1.5rem; margin: 0; padding: 0;">


```

```
@media screen and (min-width: 768px) {
  .image-container {
    grid-template-columns: 1fr 1fr 1fr;
  }
}
```

=> 當螢幕寬度介於 1024px~1279px · 一行顯示 4 張卡片



The screenshot shows a web browser window with the URL `127.0.0.1:5500/midterm_answer/midterm_closed_xx/mid1_answer/p2_xx/p2_xx.html`. The page displays a grid of 9 black and white photographs. At the top left, there is a header with the text "HSINGTAI CHUNG, 123456789". The browser's developer tools are open, specifically the Elements tab, which shows the HTML structure and CSS styles. A red box highlights the dimension "1024" in the browser's header. In the CSS panel, a media query for "min-width: 1024px" is highlighted, defining a grid with 4 columns (repeat(4, 1fr)). The browser's status bar at the bottom shows a width of 1095.

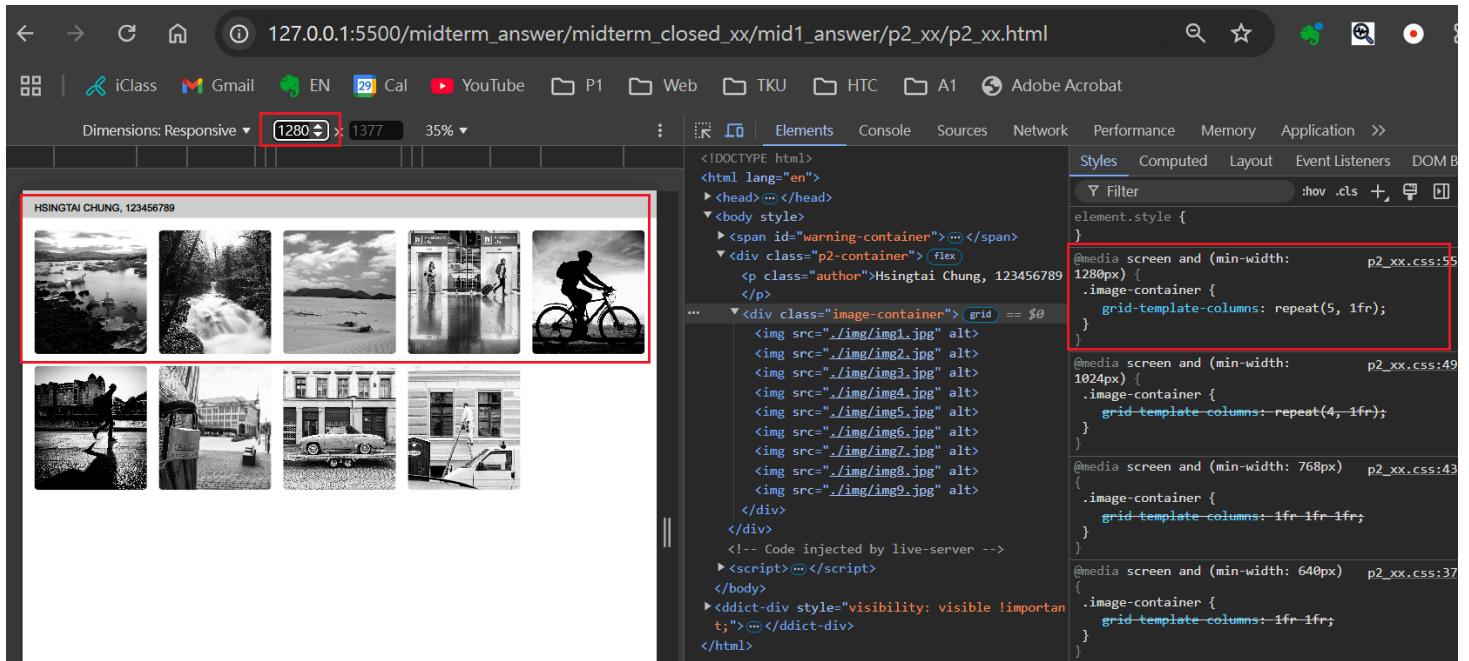
```
<!DOCTYPE html>
<html lang="en">
  <head> ...
    <body style="display: flex; justify-content: space-around; align-items: center; margin: 0; padding: 0;">
      <span id="warning-container"> ...
      <div class="p2-container" style="flex: 1; text-align: center; margin: 0; padding: 0;">
        <p class="author" style="margin: 0; padding: 0;">Hsingtai Chung, 123456789

...</p>
      <div class="image-container" style="display: grid; grid-template-columns: repeat(4, 1fr); gap: 1.5rem; padding: 1.5rem; margin: 0; padding: 0;">


```

```
@media screen and (min-width: 1024px) {
  .image-container {
    grid-template-columns: repeat(4, 1fr);
  }
}
```

=> 當螢幕寬度介於 1280px~1534px，一行顯示 5 張卡片



The screenshot shows a browser window with developer tools open. The 'Dimensions' panel indicates a responsive width of 1280px. The 'Elements' panel displays an HTML structure for a grid of images. A red box highlights the first row of five images. The right side of the tools shows CSS media queries for different screen widths, with one query for 1280px specifically targeting a grid with 5 columns.

```
<!DOCTYPE html>
<html lang="en">
  <head> ...
    <span id="warning-container"> ... </span>
  <div class="p2-container" style="flex">
    <p class="author">Hsingtai Chung, 123456789</p>
    ...
    <div class="image-container" style="grid" = $0>
      
      
      
      
      
      ...
      
      
      
      
    </div>
    ...
  </div>
  <!-- Code injected by live-server -->
  <script> ... </script>
</body>
<ddict-div style="visibility: visible !important;"> ... </ddict-div>
</html>
```

```
@media screen and (min-width: 1280px) {
  .image-container {
    grid-template-columns: repeat(5, 1fr);
  }
}

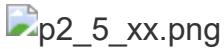
@media screen and (min-width: 1024px) {
  .image-container {
    grid-template-columns: repeat(4, 1fr);
  }
}

@media screen and (min-width: 768px) {
  .image-container {
    grid-template-columns: 1fr 1fr 1fr;
  }
}

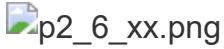
@media screen and (min-width: 640px) {
  .image-container {
    grid-template-columns: 1fr 1fr;
  }
}
```

## Your Answer

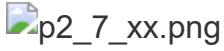
=> 當螢幕寬度介於 640px~767px，一行顯示 2 張卡片



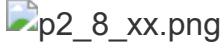
=> 當螢幕寬度介於 768px~1023px，一行顯示 3 張卡片



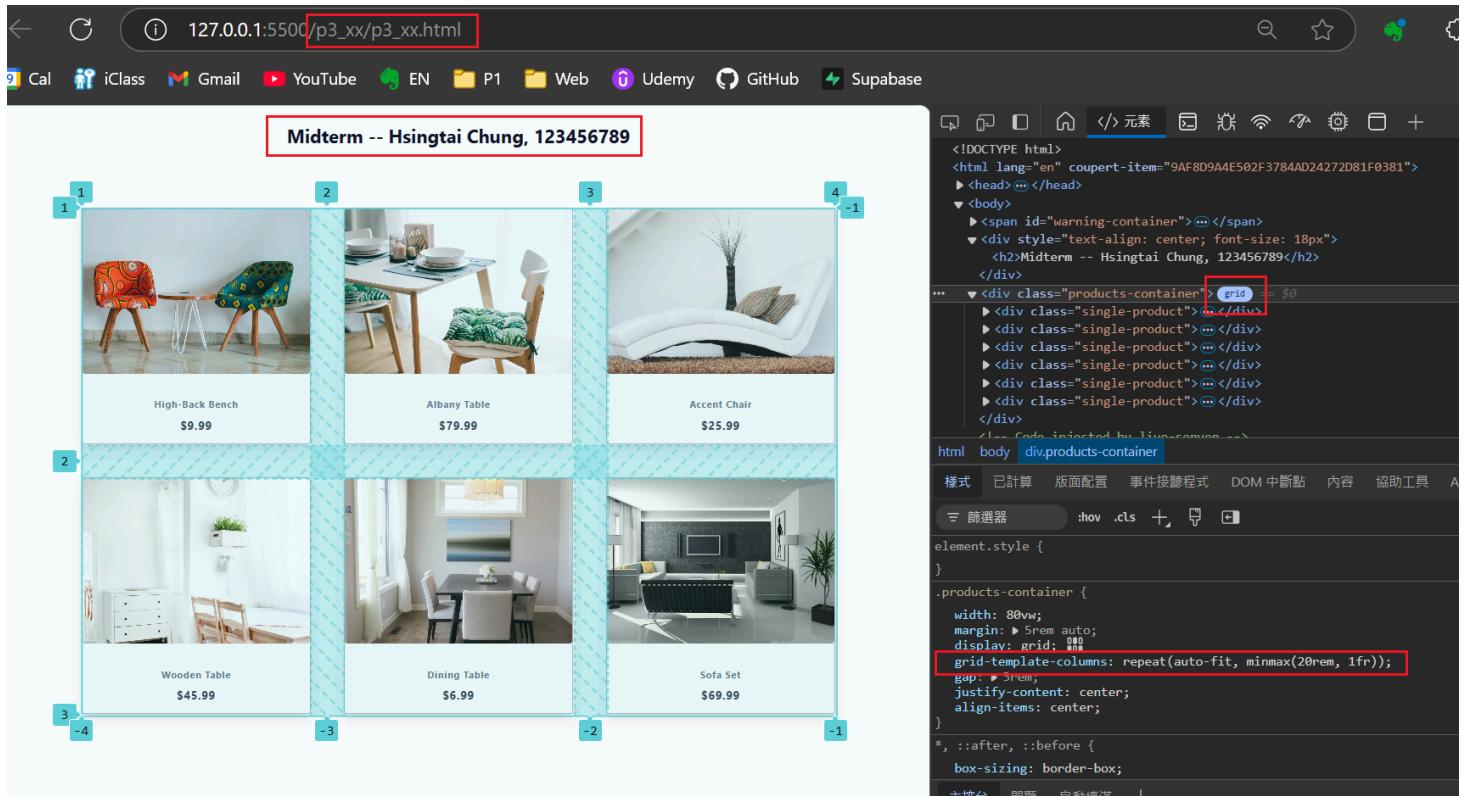
=> 當螢幕寬度介於 1024px~1279px，一行顯示 4 張卡片



=> 當螢幕寬度介於 1280px~1534px，一行顯示 5 張卡片



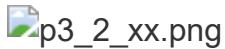
**(20%) P3:** 請根據老師提供的 p3\_xx.html, p3\_xx.css 修改之，以完成下圖。



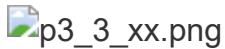
The screenshot shows a web page with a header "Midterm -- Hsingtai Chung, 123456789". Below it is a grid of six products arranged in two rows and three columns. The first row contains a "High-Back Bench" (\$9.99), an "Albany Table" (\$79.99), and an "Accent Chair" (\$25.99). The second row contains a "Wooden Table" (\$45.99), a "Dining Table" (\$6.99), and a "Sofa Set" (\$69.99). Each product item includes a small image, the product name, and its price. To the right of the browser window is the browser's developer tools, specifically the Elements tab. In the CSS section, there is a highlighted line of code: ".products-container { grid-template-columns: repeat(auto-fit, minmax(20rem, 1fr)); }". This indicates that the developer has modified the CSS to use a grid layout for the product container.

## Your Answer

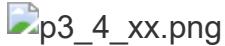
=> Chrome 顯示



=> p3\_xx.html 相關修改過的 code 重點截圖



=> p3\_xx.css 相關修改過的 code 重點截圖



**(10%) P4:** 請根據老師提供的 p4\_xx.html, p4\_xx.css, 修改之，能夠執行前三題 P1~P3

不要修改 html 中之 class 名稱，但需要修改你的名字及學號，需修改 p4\_xx.css, p4\_xx.js，能夠成功執行 p1\_xx.html, p2\_xx.html, p3\_xx.html，並顯示老師已經設定好的 show-midterm-answer 區塊中。

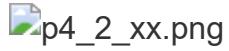
=> Chrome 顯示 p1\_xx.html 結果

The screenshot shows a web browser window with the URL 127.0.0.1:5500/p4\_xx.html#. The browser has a dark theme with various icons in the top bar. A red box highlights the URL bar and the first card in the grid. The grid contains nine cards, each with a different image and a 'Sign In' button. The cards are labeled 7-First Card, 8-Second Card, 9-Third Card, and 1-Fourth Card.

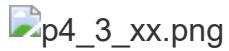
Card Number	Image Description	Text Content
7-First Card	Sunset over mountains	7-First Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae! <a href="#">Sign In</a>
8-Second Card	Green trees over water	8-Second Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae! <a href="#">Sign In</a>
9-Third Card	Rock formations	9-Third Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae! <a href="#">Sign In</a>
1-Fourth Card	Coffee cups with latte art	1-Fourth Card Lorem ipsum dolor sit amet, consectetur adipisicing elit. Minima, quae! <a href="#">Sign In</a>
	Bridge at night	
	Hands holding coffee cups	
	Cup of coffee	
	Coffee cup with macarons and leaves	

## Your Answer

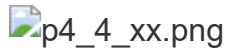
=> Chrome 顯示 p1\_xx.html 結果



=> Chrome 顯示 p2\_xx.html 結果



=> Chrome 顯示 p3\_xx.html 結果



=> p4\_xx.css, p4\_xx.js 重點截圖

