

(60%) 113-2 Web 程式設計一 期中 mid1 -- 斷網考試

2025-04-09, at E201, from 18:20~20:50

Note:

1. mid1 是斷網考試，mid2 是開放網路考試，如果 mid1 題目已經完成 (p1_xx, p2_xx, p3_xx)，可以開始做 mid2 題目不須網路的部分 (p4_xx)
2. 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。
3. iClass 上請繳交 md_xx.pdf, md_mid1.zip(md 壓縮檔), mid1_xx.zip (code 壓縮檔)，壓縮前請將 node_modules 全部砍掉
4. 請直接將答案寫在 md_mid1_xx/md_xx.md 上，老師出題及圖片放在 md_htc.pdf 上，請依照老師所給的圖片來實作並標註
5. 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。
6. 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。
7. 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): (周浩偉, 212410061)

Mid1: 60% 斷網

- P1 (20%): 20 分
- P2 (15%): 15 分
- P3 (15%): 15 分
- P4 (10%): 10 分

Mid2: 40% 開放網路

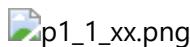
- P5 (10%): ? 分
- P6 (10%): ? 分
- P7 (20%): ? 分

總分: ? 分

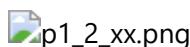
Mid1: 60%

(20%) P1: 實作 mid1 考試所需要的選單及選項

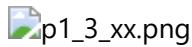
=> 檔案目錄



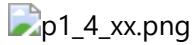
=> Chrome 顯示，根路由頁面



=> Chrome 顯示 路由 /mid1_xx



=> Chrome 顯示路由 /mid1_xx/p1_xx



Your Answer

=> 檔案目錄

```

File Edit Selection View Go Run Terminal Help < > mid1_xx
EXPLORER
MID1_XX
> .next
> app
  > demo_xx
  > mid1_xx
    > p1_61
    > JS layout.js
    > p2_61
    > p3_61
    > p4_61
    > JS page.js
    > JS page.js
    JS layouts
    JS page.js
    prep_quiz_xx
    favicon.ico
    global.css
    JS layout.js
    JS page.js
    Aa Roboto-Regular.ttf
> components
> lib
> md_mid1_xx
  > md_mid1_htc.pdf
  md_mid1_xx.md
  p1_6_61.png
> md_mid2_xx
> node_modules
> public
> styles
> .env.local
> .gitignore
JS jsonconfig.json
> OUTLINE
> TIMELINE

```

app > mid1_xx > JS layout.js > RootLayout

```

1 import { Josefin_Sans } from 'next/font/google';
2 import localFont from 'next/font/local';
3 import HeaderMid1_xx from '@/components/mid1_xx/HeaderMid1_xx';
4
5 const josefin = Josefin_Sans({
6   subsets: ['latin'],
7   display: 'swap',
8 });
9
10 const roboto = localFont({
11   src: '../Roboto-Regular.ttf',
12 });
13
14 export const metadata = {
15   title: 'Web Prog of TKU',
16   description:
17     'Luxurious cabin hotel, located in the heart of the Italian Dolomites, surrounded by beautiful mountains and dark forests',
18 };
19
20 export default function RootLayout({ children }) {
21   return (
22     <html lang='en'>
23       <body
24         className={`${roboto.className} antialiased bg-primary-950 text-primary-100 min-h-screen flex flex-col relative`}>
25         <HeaderMid1_xx />
26         <div className='flex-1 px-8 py-8'>
27           {children}
28       </body>
29     </html>
30   );
31 }

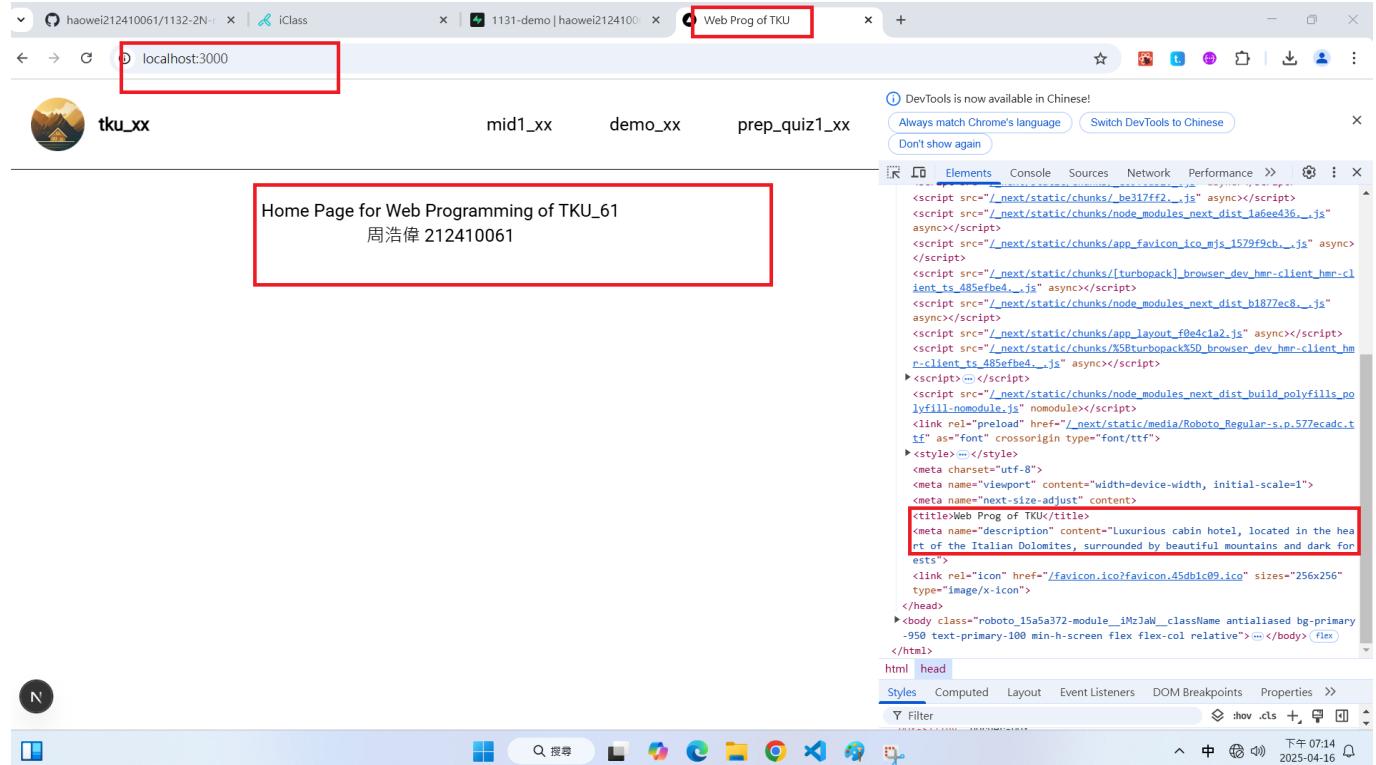
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

✓ Ready in 1467ms
 o Compiling / ...
 Failed to download 'Josefin Sans' from Google Fonts. Using fallback font instead.
 ✓ Compiled / in 2.6s
 ▲ [next] /internal/font/google/josefin_sans_9d00e606.module.css
 Error while requesting resource
 There was an issue establishing a connection while requesting https://fonts.googleapis.com/css2?family=Josefin+Sans:wght@100..700&display=swap

html>body ln 26, Col 1 Spaces: 2 UTF-8 CRLF {} JavaScript ⚡ Go Live ⚡ 6 Spell ✓ Prettier

=> Chrome 顯示，根路由頁面



=> 跟目錄之 page.js, layout.js code 重點截圖

```

File Edit Selection View Go Run Terminal Help ⏎ ⏎ mid1_61

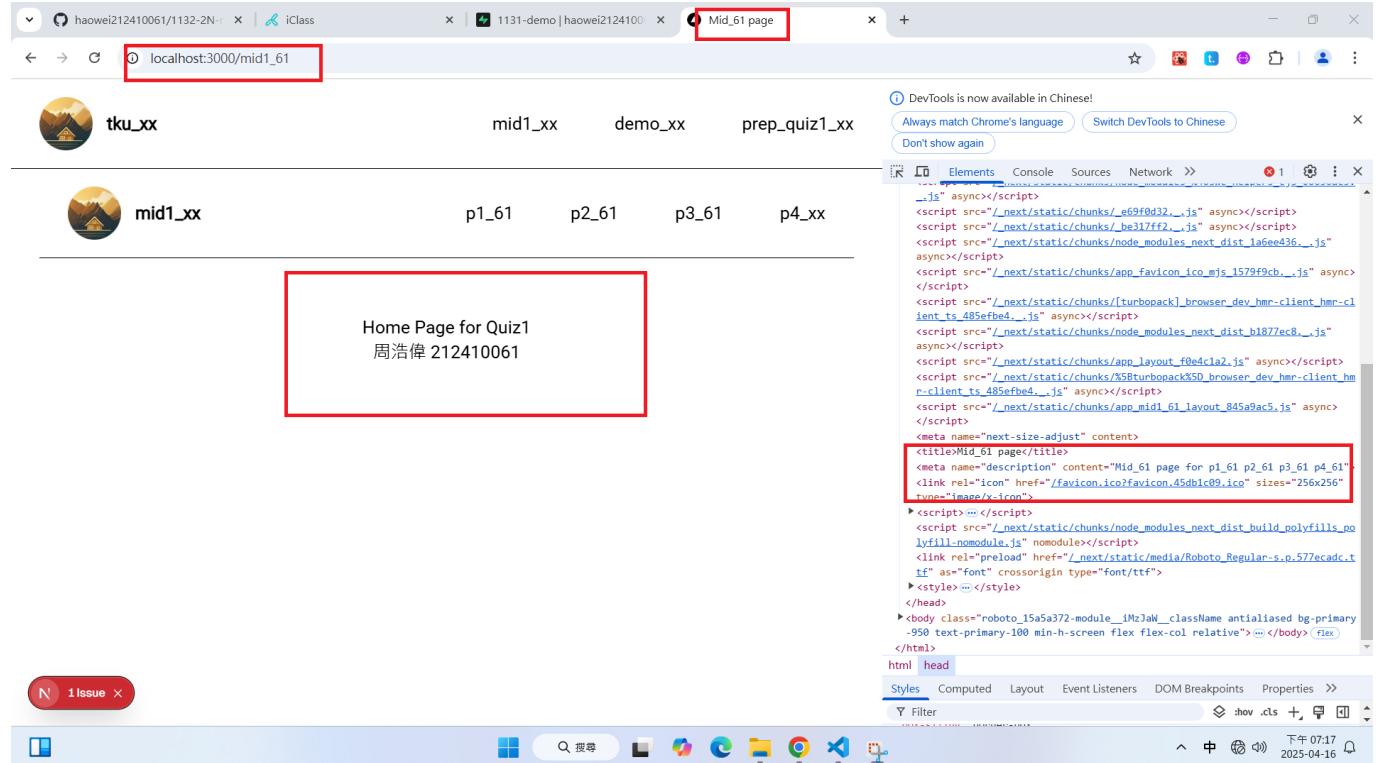
EXPLORER
MID1_61
> .next
> app
  > demo_xx
  > mid1_61
    > p1_61
    > p2_61
    > p3_61
    > p4_61
      JS layout.js
      JS page.js
    > prep.quiz1_xx
    favicon.ico
  globals.css
  Aa Roboto-Regular.ttf
  components
    > demo_xx
    > mid1_xx
    > p2_xx
    > p4_xx
      JS HeaderMid1_xx.js
      JS NavigationMid1_xx.js
    > prep.quiz1_xx
      JS Loader_xx.js
      JS Logo_xx.js
      JS Navigation_xx.js
    > lib
    > md_mid1_61
      md_mid1_htc.pdf
  > OUTLINE
  > TIMELINE
  Fetching data for better TypeScript IntelliSense

JS page.js
app > JS page.js > HomePage_xx
1  export default function HomePage_xx() {
2    return (
3      <>
4        <div className='section-title text-center text-xl'>
5          <h2 className='mt-8'> Home Page for Web
6            Programming of TKU_61 </h2>
7          <h3 className='mb-8'>周浩偉 212410061</h3>
8        </div>
9      </>
10    );
11

JS layout.js
app > JS layout.js ...
4  import './globals.css';
5  import Header_xx from '@/components/Header_xx';
6
7  const josefin = Josefin_Sans({
8    subsets: ['latin'],
9    display: 'swap',
10  });
11
12  const roboto = localFont({
13    src: './Roboto-Regular.ttf',
14  });
15
16  export const metadata = {
17    title: 'Web Prog of TKU',
18    description:
19      'Luxurious cabin hotel, located in the heart of the
20      Italian Dolomites, surrounded by beautiful
21      mountains and dark forests',
22  };
23
24  export default function RootLayout({ children }) {
25    return (
26      <html lang='en'>
27        <body
28          className={`${roboto.className} antialiased
29          bg-primary-950 text-primary-100 min-h-screen
30          flex flex-col relative`}>
31          ${children}
32        </body>
33      </html>
34    );
35  }

```

=> Chrome 顯示 路由 /mid1_61



=> /mid1_61 目錄之 page.js, layout.js code 重點截圖

=> /mid1_61 下之 HeaderMid1_61, NavigationMid1_61.js code 重點截圖

The screenshot shows the VS Code interface with two open files:

- page.js** (left panel):

```
app > mid1_61 > JS page.js > Mid1Page_xx
1  export default function Mid1Page_xx() {
2    return (
3      <>
4        <div className="section-title text-center text-xl">
5          <h2>Home Page for Quiz1</h2>
6          <h3>周浩傑 212410061</h3>
7        </div>
8      </>
9    );
10 }
```
- layout.js** (right panel):

```
app > mid1_61 > JS layout.js > RootLayout
1  import { Josefin_Sans } from 'next/font/google';
2  import localFont from 'next/font/local';
3  import HeaderMid1_xx from '@/components/midi_xx/HeaderMid1_xx';
4
5  const josefin = Josefin_Sans({
6    subsets: ['latin'],
7    display: 'swap',
8  });
9
10 const roboto = localFont({
11   src: '../Roboto-Regular.ttf',
12 });
13
14 export const metadata = {
15   title: 'Mid_61 page',
16   description: 'Mid_61 page for p1_61 p2_61 p3_61 p4_61',
17 };
18
19 export default function RootLayout({ children }) {
20   return (
21     <html lang='en'>
22       <body
23         className={`${roboto.className} antialiased
24           bg-primary-950 text-primary-100 min-h-screen
25           flex flex-col relative`}
```

The left sidebar shows the project structure with files like `favicon.ico`, `globals.css`, and `Roboto-Regular.ttf`. The bottom navigation bar includes **PROBLEMS**, **OUTPUT**, **DEBUG CONSOLE**, **TERMINAL**, **PORTS**, and **POSTMAN CONSOLE**. The status bar at the bottom right shows the date and time as **下午 07:22 2025/04/15**.

```
File Edit Selection View Go Run Terminal Help < > mid1_61
EXPLORER ... JS NavigationMid1_61.js ...
components > mid1_61 > JS NavigationMid1_61.js > NavigationMid1_61
1 import Link from 'next/link';
2
3 export default function NavigationMid1_61() {
4     return (
5         <nav className='z-10 text-xl'>
6             <ul className='flex gap-16 items-center'>
7                 <li>
8                     <Link href='/mid1_61/p1_61' className='hover:text-accent-400 transition-colors'>
9                         p1_61
10                    </Link>
11                </li>
12                <li>
13                    <Link href='/mid1_61/p2_61' className='hover:text-accent-400 transition-colors'>
14                        p2_61
15                    </Link>
16                </li>
17                <li>
18                    <Link href='/mid1_61/p3_61' className='hover:text-accent-400 transition-colors'>
19                        p3_61
20                    </Link>
21                </li>
22                <li>
23                    <Link href='/mid1_61/p4_61' className='hover:text-accent-400 transition-colors'>
24                        p4_61
25                    </Link>
26                </li>
27            </ul>
28        </nav>
29    );
30}
31
32
```

```
JS layout.js JS HeaderMid1_61.js ...
components > mid1_61 > JS HeaderMid1_61.js > HeaderMid1_61
1 import NavigationMid1_61 from '@/components/mid1_61/Layout';
2
3 function HeaderMid1_61() {
4     return (
5         <header className='border-b border-primary-900 px-8 py-5'>
6             <div className='flex justify-between items-center max-w-7xl mx-auto'>
7                 <Logo_61 text='mid1_61' />
8                 <NavigationMid1_61 />
9             </div>
10        </header>
11    );
12}
13
14
15 export default HeaderMid1_61;
16
```

=> Chrome 顯示路由 /mid1_61/p1_61

N

下午 07:28
2025-04-16

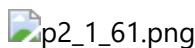
(15%) P2: 實作 p2_61，點選 p1_61，顯示 Tours 靜態頁面

請使用 components/mid1_61/p2_61/tour_theme 來回答本問題，css 之 wrapper 老師已經建立，放在 styles/wrappers/mid1_61/Tours.jsx 中

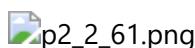
請將 theme 中的 index.html 內容的 5 個 tours 直接放入 mid1_61/p1_61/page.js 中，並能以靜態頁面顯示 5 個 tours

所有 tours 圖片，請放入 public/mid1 中

=> 會用到的檔案目錄

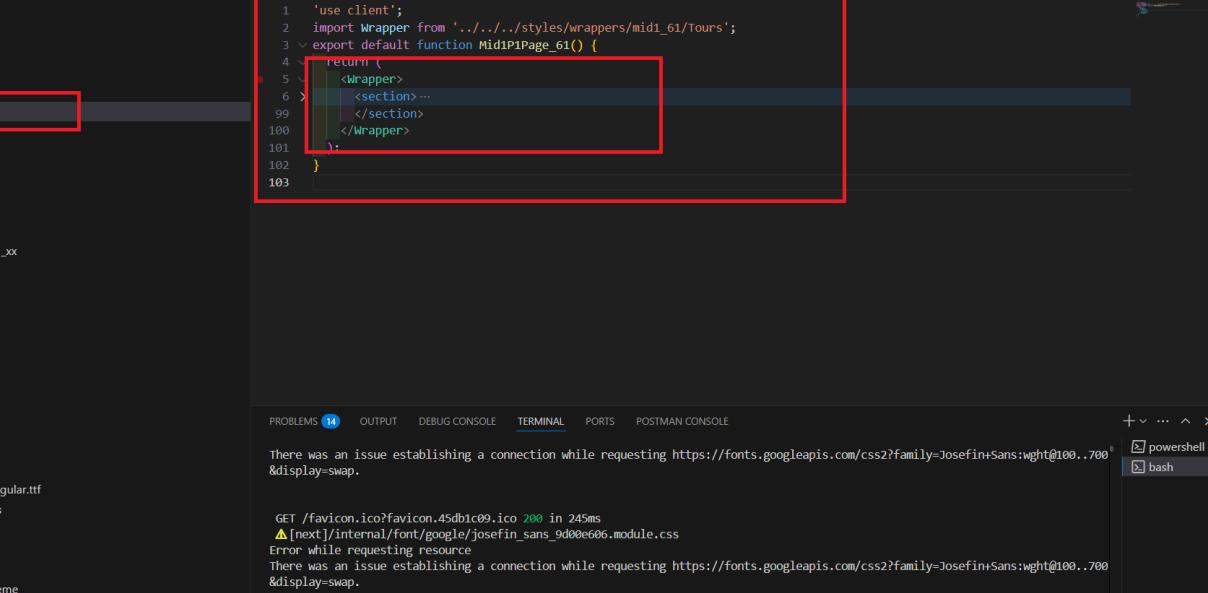


=> Chrome 顯示



Your Answer

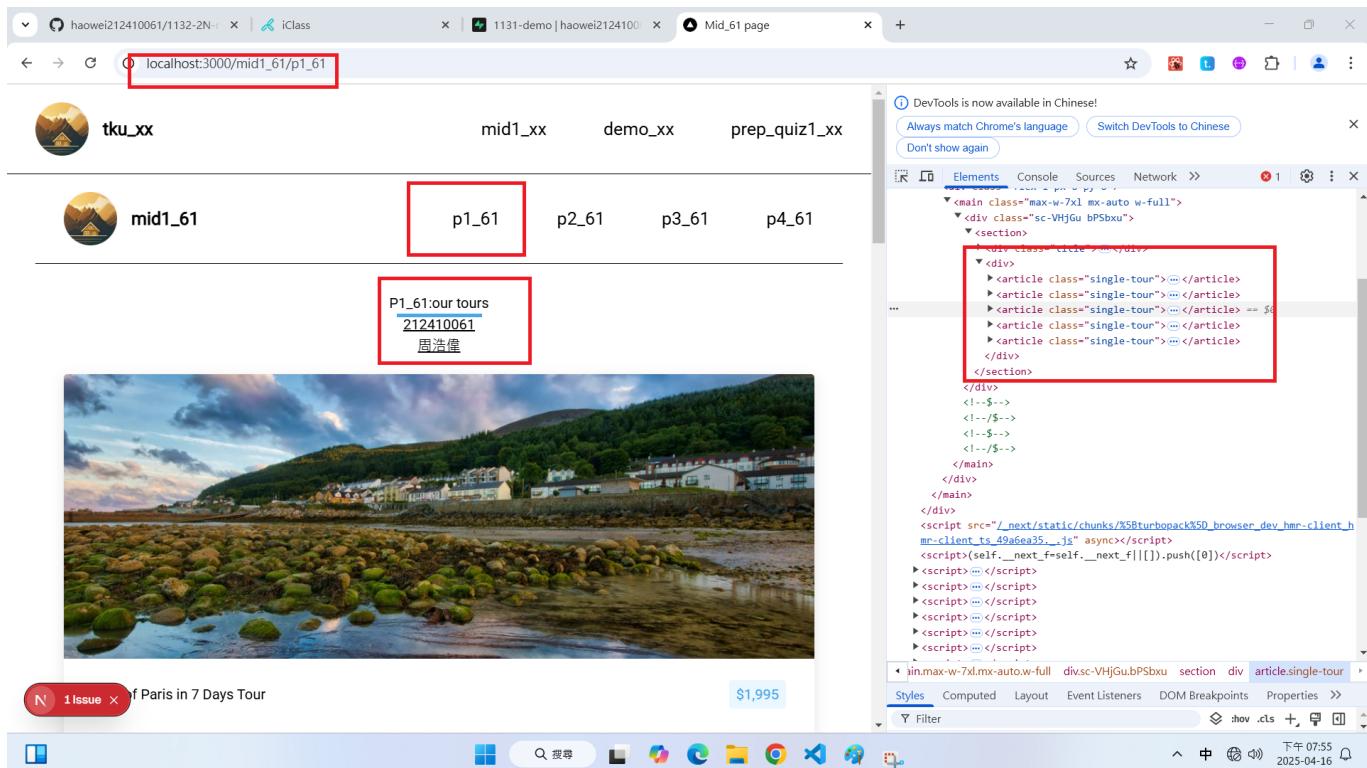
=> 檔案目錄



The screenshot shows the VS Code interface with the following details:

- File Explorer (Left):** Shows a project structure with several files and folders. A red box highlights the `JS page.js` file under the `mid1_61` folder.
- Code Editor (Top Right):** Displays the content of `JS page.js`. The code uses JSX syntax and imports a `Wrapper` component from a local path. A red box highlights the entire code block.
- Terminal (Bottom):** Shows a warning message about failing to establish a connection to a Google Fonts URL. It also lists recent network requests, including one for a favicon and another for a CSS module.

=> Chrome 顯示



=> page.js 之 code 修改重點

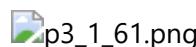
(15%) P3: 實作 p2_61，將 P2 改成透過 json array 來顯示 tours

page.js 請在最上一行，加入 'use client'，變成 client component

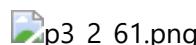
將 P2 之 5 個 tours 放入 tours_data_61.js 之 tours_61 陣列中，並透過 page.js 將 tours_61 陣列將每一筆 tour 資訊 讀入，每一個 tour 資訊則透過 Tours_61.jsx 來顯示

tours_61 陣列中的內容，請以下面 Chrome 截圖相關資訊來實作，圖圖片要有 img, remote_img, img 紀錄 local 圖片路徑，remote_img 紀錄放在 Supabase storage 圖片的路徑

=> 檔案目錄



=> Chrome 顯示



Your Answer

=> 檔案目錄

The screenshot shows the VS Code interface with the following details:

- File Explorer:** Shows the project structure under "MID_61". A red box highlights the "p2_61" folder.
- Code Editor:** Displays the content of "page.js" (also highlighted by a red box). The code imports styled-components and defines a styled.div named "Wrapper". It then styles various components like main, loading, title, underline, single-tour, tour-price, and footer.
- Terminal:** Shows a GET request to "favicon.ico" taking 200ms.
- Bottom Status Bar:** Includes icons for search, file, and terminal, along with the date and time (2025-04-16).

=> Chrome 顯示

The screenshot shows a browser window with the following elements:

- Address Bar:** Shows "localhost:3000/mid1_61/p2_61" (highlighted by a red box).
- Page Content:** Displays a travel tour page for "Best of Paris in 7 Days Tour". A red box highlights the "p2_61" tab in the navigation bar. Below it, a box highlights the text "P2_61:our tours(Json array)" and "212410061 周浩偉".
- DevTools Console:** Shows the JSON array for the tour:


```
p2_xx: tours_61
      ▷ (5) [ { id: 1, name: 'Best of Paris in 7 Days Tour', info: 'Paris is synonymous with the finest things that culture can offer', price: 1995, remote: '' }, { id: 2, name: 'Best of Paris in 7 Days Tour', info: 'Paris is synonymous with the finest things that culture can offer', price: 1995, remote: '' }, { id: 3, name: 'Best of Paris in 7 Days Tour', info: 'Paris is synonymous with the finest things that culture can offer', price: 1995, remote: '' }, { id: 4, name: 'Best of Paris in 7 Days Tour', info: 'poland is synonymous with the finest things that culture can offer', price: 1995, remote: '' }, { id: 5, name: 'Best of Paris in 7 Days Tour', info: 'vienna is synonymous with the finest things that culture can offer', price: 1995, remote: '' } ]
```
- Bottom Status Bar:** Includes icons for search, file, and terminal, along with the date and time (2025-04-16).

=> page.js 之 code 重點截圖

The screenshot shows the VS Code interface with the following details:

- File Explorer:** Shows the project structure under 'MID1_61'. A red box highlights the 'p2_61' folder.
- Editor:** Displays the 'Tour_61.jsx' file content. The code uses React components to render tour data. A red box highlights the entire code block.
- Bottom Status Bar:** Shows the terminal output: "GET /favicon.ico?favicon.45dbc09.ico 200 in 164ms".

```

1 'use client';
2
3 import { tours_61 } from '@/components/mid1_61/p2_61/tours_data_61';
4 import Tour_61 from '@/components/mid1_61/p2_61/tour_61';
5 import Wrapper from '@/styles/wrappers/mid1_61/Tours';
6 import styled from 'styled-components';
7 import { useEffect, useState } from 'react';
8
9 export default function Mid1P2Page_xx() {
10   console.log('p2_xx: tours_61', tours_61);
11   const [tours, setTours] = useState([]);
12
13   useEffect(() => {
14     setTours(tours_61);
15   }, []);
16
17   return (
18     <Wrapper>
19       <section>
20         <div className='title text-2xl text-emerald-600'>
21           <h2>P2_61:our tours(Json array)</h2>
22           <div className='underline text-2xl'>212410061 周浩傑</div>
23         </div>
24         <div>
25           {tours.map((tour) => {
26             return (
27               <Tour_61
28                 key={tour.id}
29                 img={tour.img}
30                 info={tour.info}
31                 price={tour.price}
32               />
33             );
34           });
35         </div>
36       </section>
37     </Wrapper>
38   );
39 }
40
41 export default Mid1P2Page_xx;

```

=> Tour_61.jsx 之 code 重點截圖

The screenshot shows the VS Code interface with the following details:

- File Explorer:** Shows the project structure under 'MID1_61'. A red box highlights the 'Tour_61.jsx' file.
- Editor:** Displays the 'Tour_61.jsx' file content. The code defines a component 'Tour_61' that takes props like id, name, info, img, and price. It renders an article with tour details and a footer with a 'read more' button and a 'not interested' button. A red box highlights the entire code block.
- Bottom Status Bar:** Shows the terminal output: "Compiled in 81ms".

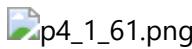
```

1 'use client';
2
3 const Tour_61 = ({ id, name, info, img, price }) => {
4   return (
5     <article className='single-tour'>
6       <img src={img} alt='Best of Paris in 7 Days Tour' />
7       <footer>
8         <div className='tour-info'>
9           <h4>Best of Paris in 7 Days Tour</h4>
10          <h4>Tour Price: {price}</h4>
11        </div>
12        <p>
13          {info}
14          <button>Read More</button>
15        </p>
16        <button className='delete-btn'>Not Interested</button>
17      </footer>
18    </article>
19  );
20
21  export default Tour_61;
22
23

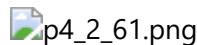
```

(10%) P4: 實作 p3_61，呈現上課 demo The Wild Oasis 中的 About 頁面

=> 會用到的檔案目錄

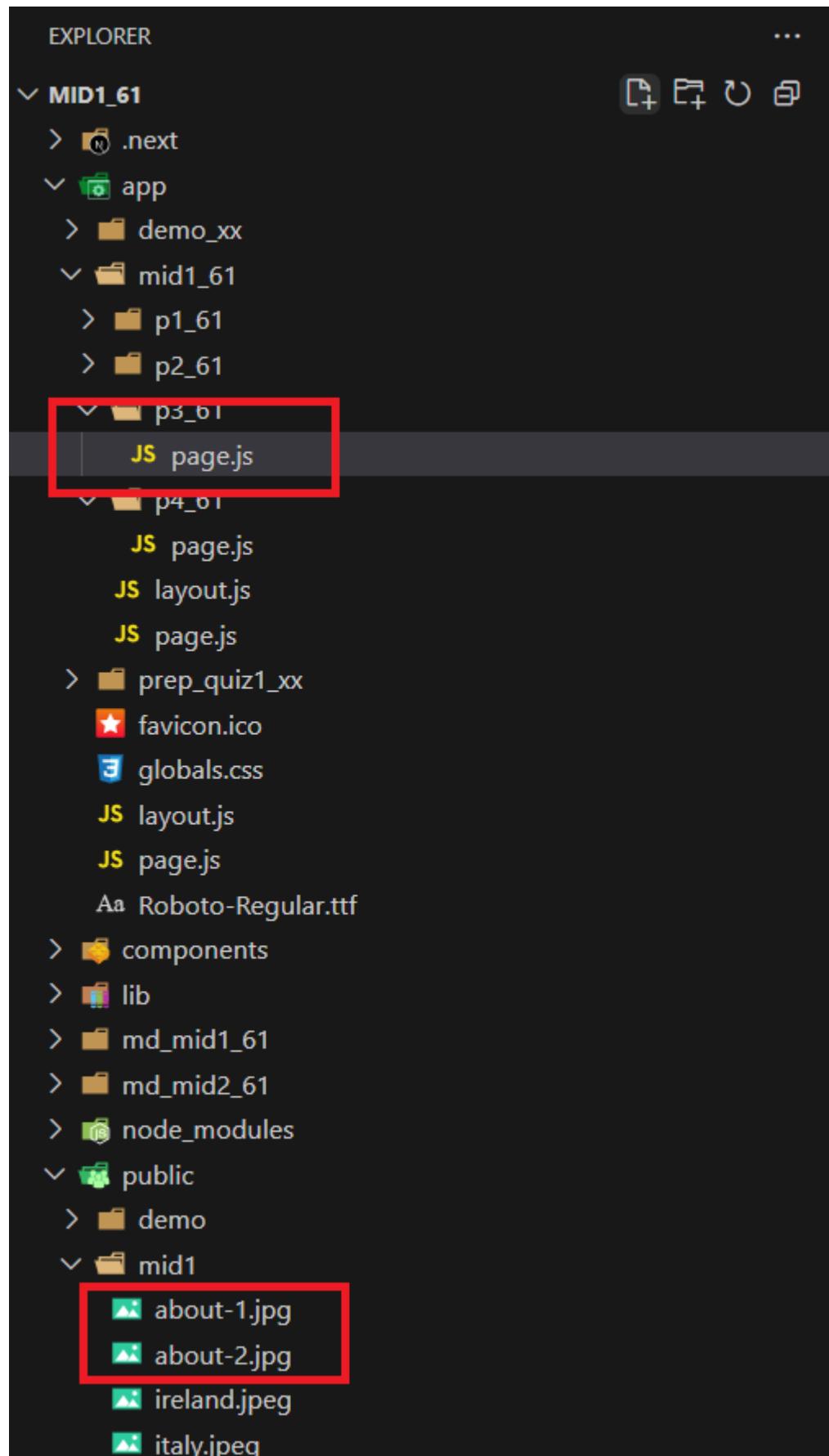


=> Chrome 顯示 About 頁面



Your Answer

=> 會用到的檔案目錄



=> Chrome 顯示 About 頁面

The screenshot shows a browser window with multiple tabs. The active tab is titled 'localhost:3000/mid1_61/p3_61'. The page content includes:

- A logo icon labeled 'mid1_61'.
- Section headers: 'p1_61', 'p2_61', 'p3_61' (which is highlighted with a red box), and 'p4_61'.
- A large red box highlights the main content area, which contains:
 - A heading 'Welcome To Oasis Wild'.
 - A paragraph of placeholder text (Lorem ipsum).
 - A large image of a cozy cabin at night with people gathered around a campfire.
 - A smaller image of a cabin in a snowy forest.
- A section titled 'Managed By Our Family Since 1992'.
- Footnote text: 'Lorem ipsum dolor sit amet consectetur adipisicing elit. Iusto laboriosam iste corporis, hic deserunt totam quo explicabo praesentium nostrum provident fugit neque recusandae, sed labore nobis maiores enim non magnam est quia obcaecati illum impedit. Laudantium dolores nihil officia magni ducimus magnam explicabo libero optio quibusdam! Eius error eos laudantium!'.

=> 相關 code 之截圖

```
File Edit Selection View Go Run Terminal Help < > md_mid1_xx.md md_mid1_htc.pdf JS page.js ...\\p3_61 JS page.js app JS tours_data_61.js  
EXPLORER  
MID1_61  
> .next  
> app  
> demo_xx  
> mid1_61  
> p1_61  
> p2_61  
> p3_61  
JS page.js  
> p4_61  
JS page.js  
JS layout.js  
JS page.js  
> prep_quiz1.jsx  
favicon.ico  
globals.css  
JS layout.js  
JS page.js  
Aa Roboto-Regular.ttf  
> components  
> lib  
> md_mid1_61  
md_mid1_htc.pdf  
md_mid1_xx.md  
p1_5_61.png  
p1_6_61.png  
p1_7_61.png  
p1_8_61.png  
p1_9_61.png  
p1_10_61.png  
p1_11_61.png  
OUTLINE  
TIMELINE  
0 0 0 68  
PROBLEMS 68 OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE  
GET /mid1_61/p3_61 200 in 312ms  
Ln 41, Col 1 Spaces: 2 UTF-8 CRLF { } JavaScript ⚡ Go Live ⚡ 62 Spell ✓ Prettier 🔍  
powershell bash  
下午 08:32 2025-04-16
```