

# (60%) 113-2 Web 程式設計一 期中 mid1 -- 斷網考試

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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): (余忠憲, 912410023)

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

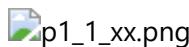
總分: 100 分

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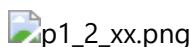
Mid1: 60%

(20%) P1: 實作 mid1 考試所需要的選單及選項

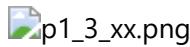
=> 檔案目錄



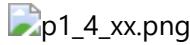
=> Chrome 顯示，根路由頁面



=> Chrome 顯示 路由 /mid1\_xx



=> Chrome 顯示路由 /mid1\_xx/p1\_xx



## Your Answer

=> 檔案目錄

```

File Explorer: MID1.XX
  - .next
  - app
    - demo_xx
    - mid1_23
      - p1_23
        - JS page.js (highlighted)
      - p2_xx
      - p3_xx
      - p4_xx
        - JS layout.js
        - JS page.js
      - prep_quiz1_xx
      - favicon.ico
      - globals.css
      - JS layout.js
      - JS page.js
      - components
        - demo_xx
        - mid1_xx
        - prep_quiz1_xx
        - JS Header_xx.js
        - JS Logo_xx.js
        - JS Navigation_xx.js
      - lib
      - md_mid1_xx
        - md_mid1_htc.pdf
        - md_mid1_xx.md
        - 螢幕擷取畫面 2025-04-16...
    - md_mid1_xx
      - md_mid1_xx.md
      - md_mid1_xx.pdf
    - node_modules
    - public
  - OUTLINE

Code Editor: layout.js
  const josefin = Josefin_Sans({
    subsets: ['latin'],
    display: 'swap',
  });

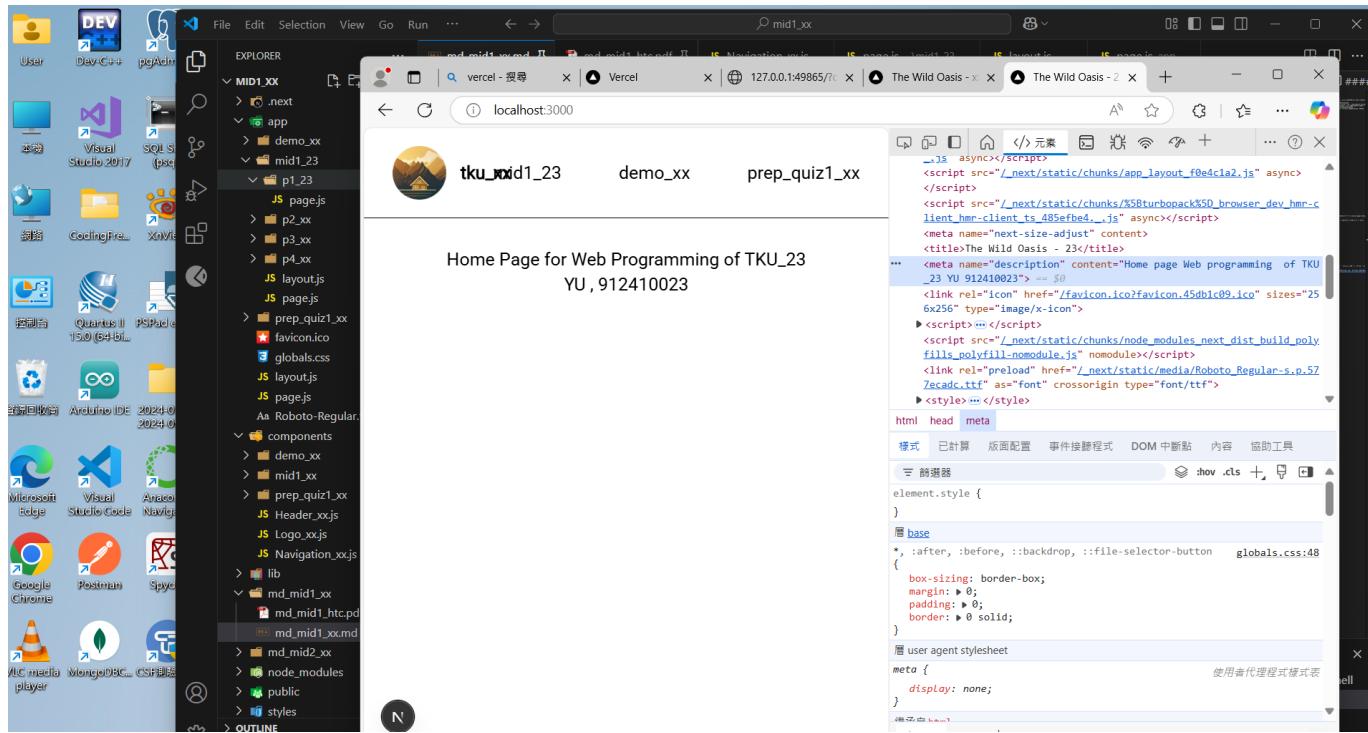
  const roboto = localFont({
    src: './Roboto-Regular.ttf',
  });

  export const metadata = {
    title: 'The Wild Oasis - 23',
    description: 'Home page Web programming of TKU_23 YU 912410023',
  };

  export default function RootLayout({ children }) {
    return (
      <html lang='en'>
        <body>
          <${{roboto.className}} antialiased bg-primary-950 text-primary-100 min-h-screen flex flex-col relative>
            <Header_xx />
            <div className='flex-1 px-8'>
              <main className='max-w-7xl mx-auto w-full'>{children}</main>
            </div>
          </body>
        </html>
    );
  }
}

PROBLEMS 7 OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE
There was an issue establishing a connection while requesting https://fonts.googleapis.com/css2?family=Josefin+Sans:wght@100..700&display=swap.
  
```

=> Chrome 顯示 · 根路由頁面



=> 跟目錄之 page.js, layout.js code 重點截圖

```

app > mid1_23 > 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>YU , 912410023</h3>
7        </div>
8      );
9    }
10 }
11

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

There was an issue establishing a connection while requesting https://fonts.googleapis.com/css2?family=Josefin+Sans:wght@100...7 00&display=swap.

```

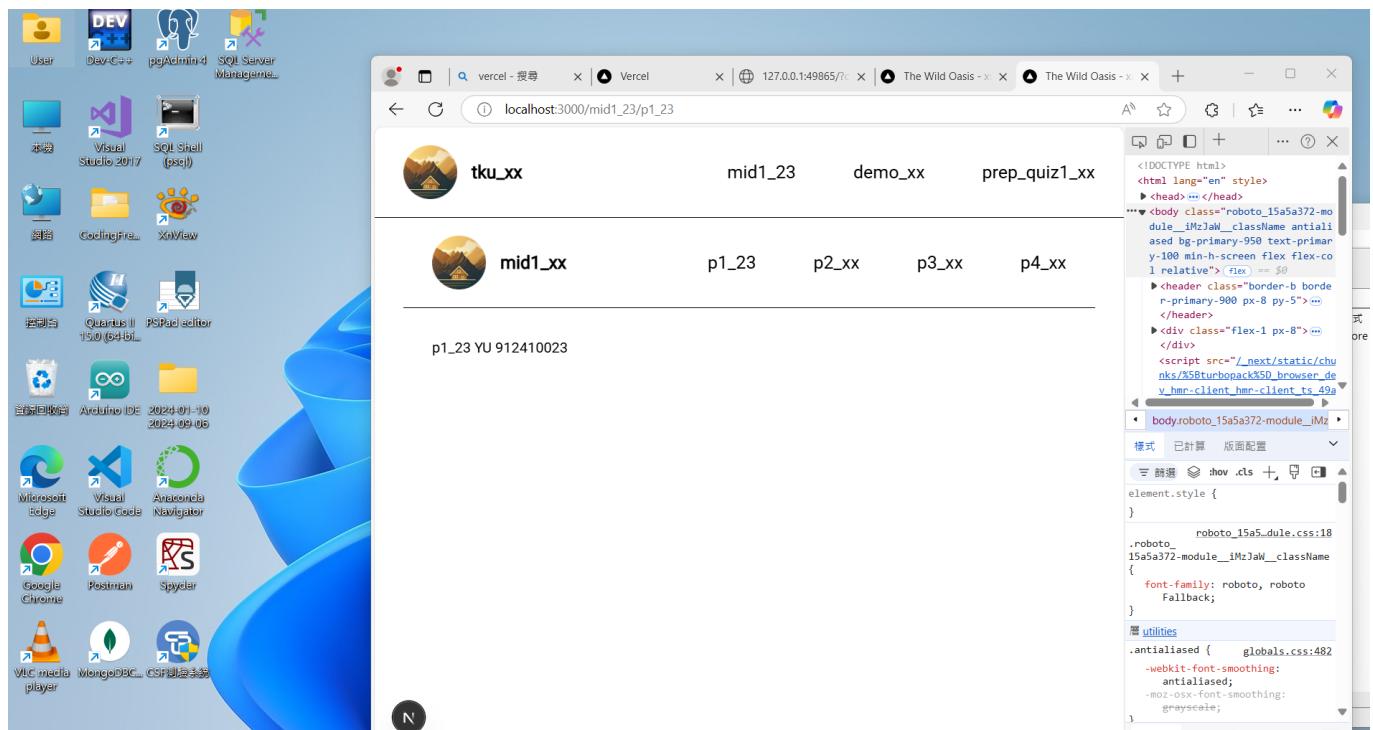
app > JS layout.js > ...
6
7   const josefin = Josefin_Sans({
8     subsets: ['latin'],
9     display: 'swap',
10   });
11
12   const roboto = localFont({
13     src: './Roboto-Regular.ttf',
14   });
15
16   export const metadata = {
17     title: 'The Wild Oasis - 23',
18     description: 'Home page Web programming of TKU_23 YU 912410023',
19   };
20
21   export default function RootLayout({ children }) {
22     return (
23       <html lang="en">
24         <body>
25           <${roboto.className}> antialiased bg-primary-950 text-primary-100 min-h-screen flex flex-col relative</${roboto.className}>
26         <Header_xx />
27         <div className='flex-1 px-8'>
28           <main className='max-w-7xl mx-auto w-full'>{children}</main>
29         </div>
30       </body>
31     </html>
32   );
33 }
34
35

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

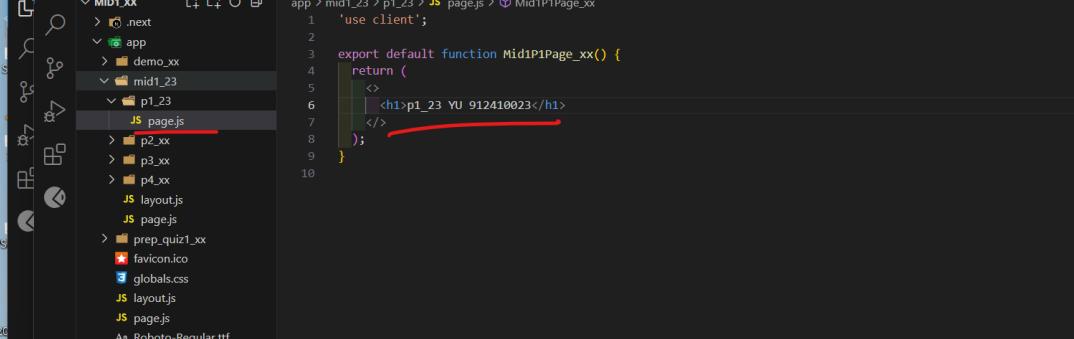
There was an issue establishing a connection while requesting https://fonts.googleapis.com/css2?family=Josefin+Sans:wght@100...7 00&display=swap.

=> Chrome 顯示 路由 /mid1\_xx



=> /mid1\_xx 目錄之 page.js, layout.js code 重點截圖

=> /mid1\_xx 下之 HeaderMid1\_xx, NavigationMid1\_xx.js code 重點截圖



```
use client;

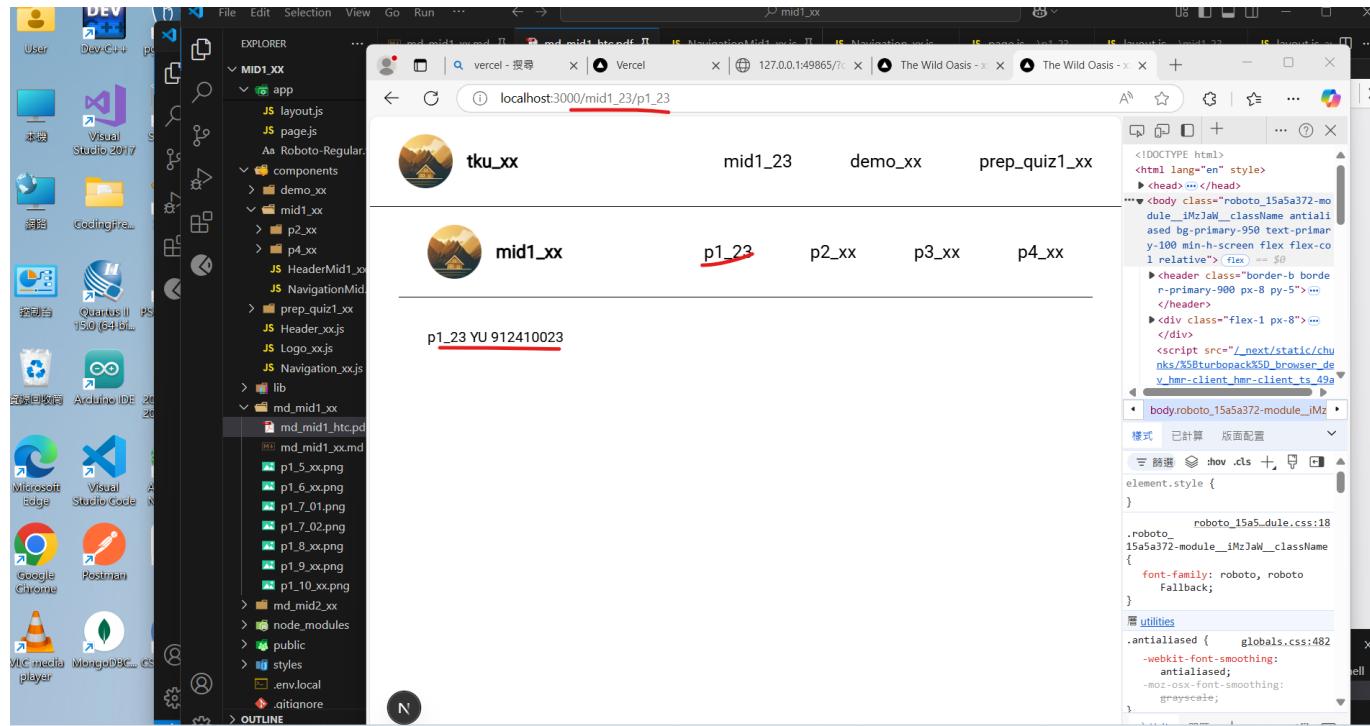
export default function Mid1P1Page_xx() {
  return (
    <h1>p1_23 YU 912410023</h1>
  );
}

A Roboto-Regular.ttf
```

The screenshot shows a Windows desktop environment with several pinned application icons on the left side, including Dev-C++, Visual Studio 2017, Coding, Quaranta II, Arduino IDE, Microsoft Edge, Visual Studio Code, Google Chrome, Postman, VLC media player, and MongoDB. The main focus is a Visual Studio Code window titled 'mid1\_xx'. The project structure in the Explorer sidebar shows a folder named 'MID1\_XX' containing subfolders like 'app', 'components', and 'lib', along with various files such as 'navigation\_xx.js', 'header\_xx.js', and 'logo\_xx.js'. The code editor displays a component named 'Navigation\_xx.js' which generates a navigation bar with links to other pages. A specific line of code is highlighted with a red underline, indicating a potential error or warning.

```
1 import Link from 'next/link';
2
3 export default function Navigation_xx() {
4     return (
5         <nav className='z-10 text-xxl'>
6             <ul className='flex gap-16 items-center'>
7                 <li>
8                     <Link href='/mid1_23'
9                         className=' hover:text-accent-400 transition-colors'>
10                         mid1_23
11                     </Link>
12                 </li>
13                 <li>
14                     <Link href='/demo_xx'
15                         className=' hover:text-accent-400 transition-colors'>
16                         demo_xx
17                     </Link>
18                 </li>
19                 <li>
20                     <Link href='/prep_quiz1_xx'
21                         className=' hover:text-accent-400 transition-colors'>
22                         prep_quiz1_xx
23                     </Link>
24                 </li>
25             </ul>
26         </nav>
27     )
28 }
29
30
31
32
```

=> Chrome 顯示路由 /mid1\_xx/p1\_xx



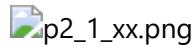
(15%) P2: 實作 p2\_xx，點選 p1\_xx，顯示 Tours 靜態頁面

請使用 components/mid1\_xx/p2\_xx/tour\_theme 來回答本問題，css 之 wrapper 老師已經建立，放在 styles/wrappers/mid1\_xx/Tours.jsx 中

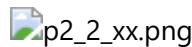
請將 theme 中的 index.html 內容的 5 個 tours 直接放入 mid1\_xx/p1\_xx/page.js 中，並能以靜態頁面顯示 5 個 tours

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 Visual Studio Code interface. The left sidebar displays a file tree for a project named 'MID1\_XX'. The 'EXPLORER' tab is selected, showing files like 'app', 'demo\_xx', 'mid1\_23', 'p1\_23', 'p2\_23', and 'JS page.js'. The 'JS page.js' file is open in the main editor area, with several lines of code highlighted in red. The browser output panel at the bottom shows a warning about a missing font resource.

```

app > mid1_23 > p2_23 > JS page.js > Mid1P2Page_xx
1  'use client';
2  import { tours_xx } from '@components/mid1_xx/p2_xx/tours_data_xx';
3  import Wrapper from '@styles/wrappers/mid1_xx/Tours';
4
5  export default function Mid1P2Page_xx() {
6    console.log('p2_xx: tours_xx', tours_xx);
7    return (
8      <Wrapper>
9        <section>
10          <div class='title'>
11            <h2>our tours 912410023 STATIC</h2>
12            <div class='underline'></div>
13          </div>
14
15          <article class='single-tour'>
16            <img src='/mid1/paris.jpg' alt='Best of Paris in 7 Days Tour' />
17            <div class='tour-info'>
18              <h4>Best of Paris in 7 Days Tour</h4>
19              <h4 class='tour-price'>$1,995</h4>
20            </div>
21            <p>
22              Paris is synonymous with the finest things that culture can
23              offer – in art, fashion, food, literature, and ideas. On this
24              tour, your Paris-savvy Rick Steves guide will immerse you in the
25              very best of ...<a href="#">read more</a>
26            </p>
27            <button class='delete-btn'>not interested</button>
28          </div>
29        </article>
30        <article class='single-tour'>
31
PROBLEMS 27 OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE
⚠ [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/css?family=Josefin+Sans:wght@100...700&tfauto=true

```

=> Chrome 顯示

The screenshot shows the Visual Studio Code interface with the browser output panel active. The browser window displays a web page with navigation links and a large image of the Louvre Pyramid. The browser's developer tools are open, showing the DOM tree. A specific section of the tree, containing several article elements under a 'single-tour' class, is circled in red.

=> page.js 之 code 修改重點

```
app > md1_23 > p2_23 > JS page.js > Mid1P2Page_xx
  1 'use client';
  2 import { tours_xx } from '@components/mid1_xx/p2_xx/tours_data_xx';
  3 import Wrapper from '@styles/wrappers/mid1_xx/Tours';
  4
  5 export default function Mid1P2Page_xx() {
  6   console.log( p2_xx, tours_xx );
  7   return (
  8     <Wrapper>
  9       <section>
10         <div class='title'>
11           <h2>our tours 912410023 STATIC</h2>
12           <div class='underline'></div>
13         </div>
14         <div>
15           <article class='single-tour'>...
16           <article class='single-tour'>...
17           <article class='single-tour'>...
18           <article class='single-tour'>...
19           <article class='single-tour'>...
20           <article class='single-tour'>...
21           <img src='/mid1/poland.jpeg' alt='Best of Poland in 10 Days Tour' />
22           <footer>
23             <div class='tour-info'>
24               <h4>Best of Poland in 10 Days Tour</h4>
25               <h4 class='tour-price'>$6,595</h4>
26             </div>
27             <p>
28               Starting in the colorful port city of Gdańsk, you'll escape the...
29             </p>
30           </article>
31         </div>
32       </section>
33     </Wrapper>
34   )
35 }
36
37
38
39
40
41
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```

PROBLEMS 27 OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

⚠ [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@000..700&display=swap.

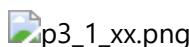
(15%) P3: 實作 p2\_xx，將 P2 改成透過 json array 來顯示 tours

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

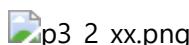
將 P2 之 5 個 tours 放入 tours\_data\_xx.js 之 tours\_xx 陣列中，並透過 page.js 將 tours\_xx 陣列將每一筆 tour 資訊 讀入，每一個 tour 資訊則透過 Tours\_xx.jsx 來顯示

tours\_xx 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

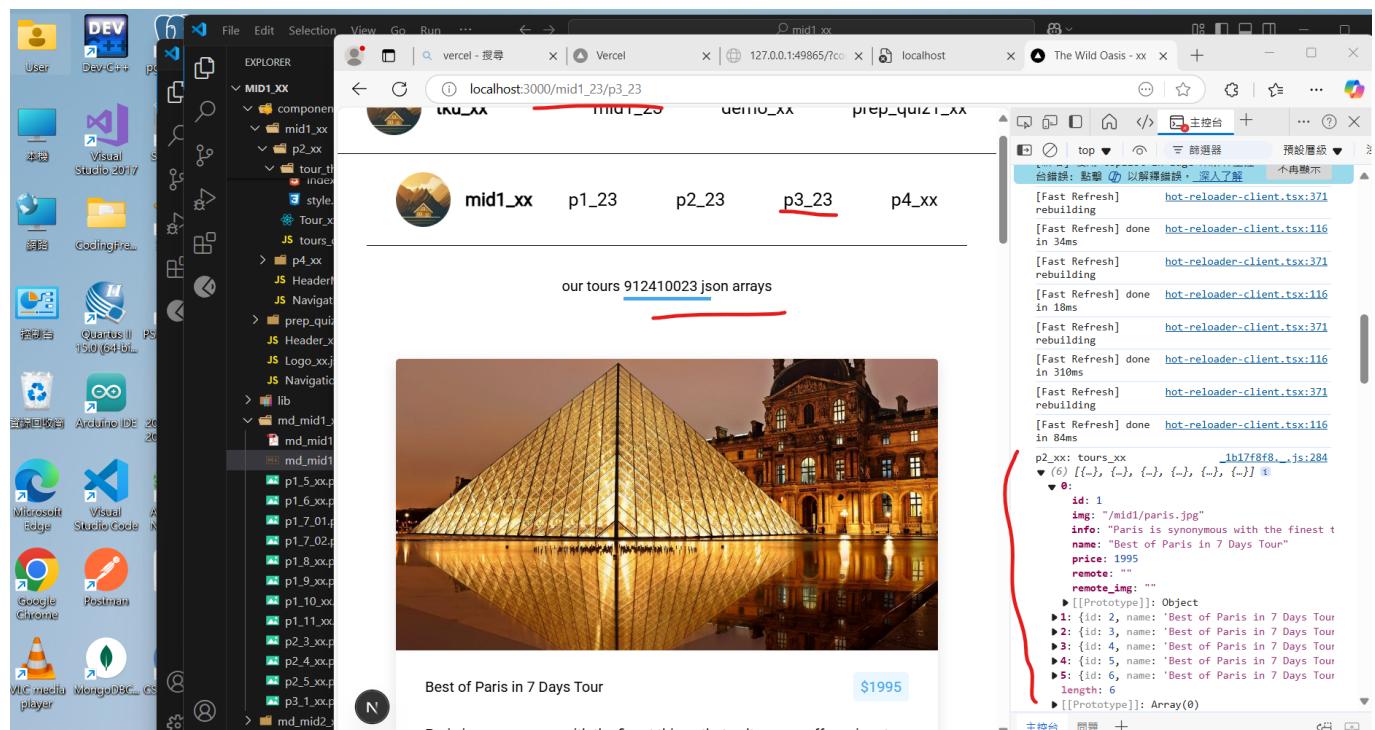
```

    app > mid1_23 > p3_23 > JS page.js > Mid1P2Page_xx
      1   'use client';
      2   import { tours_xx } from '@/components/mid1_xx/p2_xx/tours_data_xx';
      3   import Wrapper from '@/styles/wrappers/mid1_xx/Tours';
      4   import Tour_xx from '@/components/mid1_xx/p2_xx/Tour_xx';
      5
      6   export default function Mid1P2Page_xx() {
      7     console.log('p2_xx: tours_xx', tours_xx);
      8     return (
      9       <Wrapper>
     10         <section>
     11           <div class='title'>
     12             <h2>our tours 912410023 json arrays</h2>
     13             <div class='underline'></div>
     14           </div>
     15           <tours_xx.map((tour) => {
     16             const { id, img, name, price, info } = tour;
     17             return (
     18               <Tour_xx key={id} img={img} name={name} price={price} info={info} />
     19             );
     20           })
     21         </section>
     22       </Wrapper>
     23     );
     24   }
  
```

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS    POSTMAN CONSOLE

GET /mid1\_23/p3\_23 200 in 64ms  
 ✓ Compiled in 71ms  
 ▲ [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@00..700&display=swap.

## => Chrome 顯示



## => page.js 之 code 重點截圖

```

    app > mid1_23 > p3_23 > JS page.js > Mid1P2Page_xx
    1  'use client';
    2  import { tours_xx } from '@/components/mid1_xx/p2_xx/tours_data_xx';
    3  import Wrapper from '@/styles/wrappers/mid1_xx/Tours';
    4  import Tour_xx from '@/components/mid1_xx/p2_xx/Tour_xx';
    5
    6  export default function Mid1P2Page_xx() {
    7      console.log('p2_xx: tours_xx', tours_xx);
    8      return (
    9          <Wrapper>
   10             <section>
   11                 <div class='title'>
   12                     <h2>our tours 912410023 json arrays</h2>
   13                     <div class='underline'></div>
   14                 </div>
   15                 {tours_xx.map((tour) => {
   16                     const { id, img, name, price, info } = tour;
   17                     return (
   18                         <Tour_xx key={id} img={img} name={name} price={price} info={info} />
   19                     );
   20                 })
   21             </section>
   22         </Wrapper>
   23     );
   24 }

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

GET /mid1\_23/p3\_23 200 in 64ms  
✓ Compiled in 71ms  
⚠ [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.

GET /mid1\_23/p3\_23 200 in 194ms  
f\_Footer\_23\_4\_3\_4\_7ms

=> Tour\_xx.js 之 code 重點截圖

```

    components > mid1_xx > p2_xx > Tour_xx.js ...
    1  'use client';
    2
    3  const Tour_xx = ({ id, img, name, price, info }) => {
    4      return (
    5          <div>
    6              <article class='single-tour'>
    7                  <img src={img} alt='Best of Paris in 7 Days Tour' />
    8                  <footer>
    9                      <div class='tour-info'>
   10                          <h4>{name}</h4>
   11                          <h4 class='tour-price'>${price}</h4>
   12                      </div>
   13                      <p>{info}</p>
   14                      <button>read more</button>
   15                  </footer>
   16              </article>
   17          </div>
   18      );
   19
   20  export default Tour_xx;

```

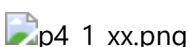
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

GET /mid1\_23/p3\_23 200 in 64ms  
✓ Compiled in 71ms  
⚠ [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.

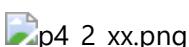
GET /mid1\_23/p3\_23 200 in 194ms  
f\_Footer\_23\_4\_3\_4\_7ms

(10%) P4: 實作 p3\_xx · 呈現上課 demo The Wild Oasis 中的 About 頁面

=> 會用到的檔案目錄

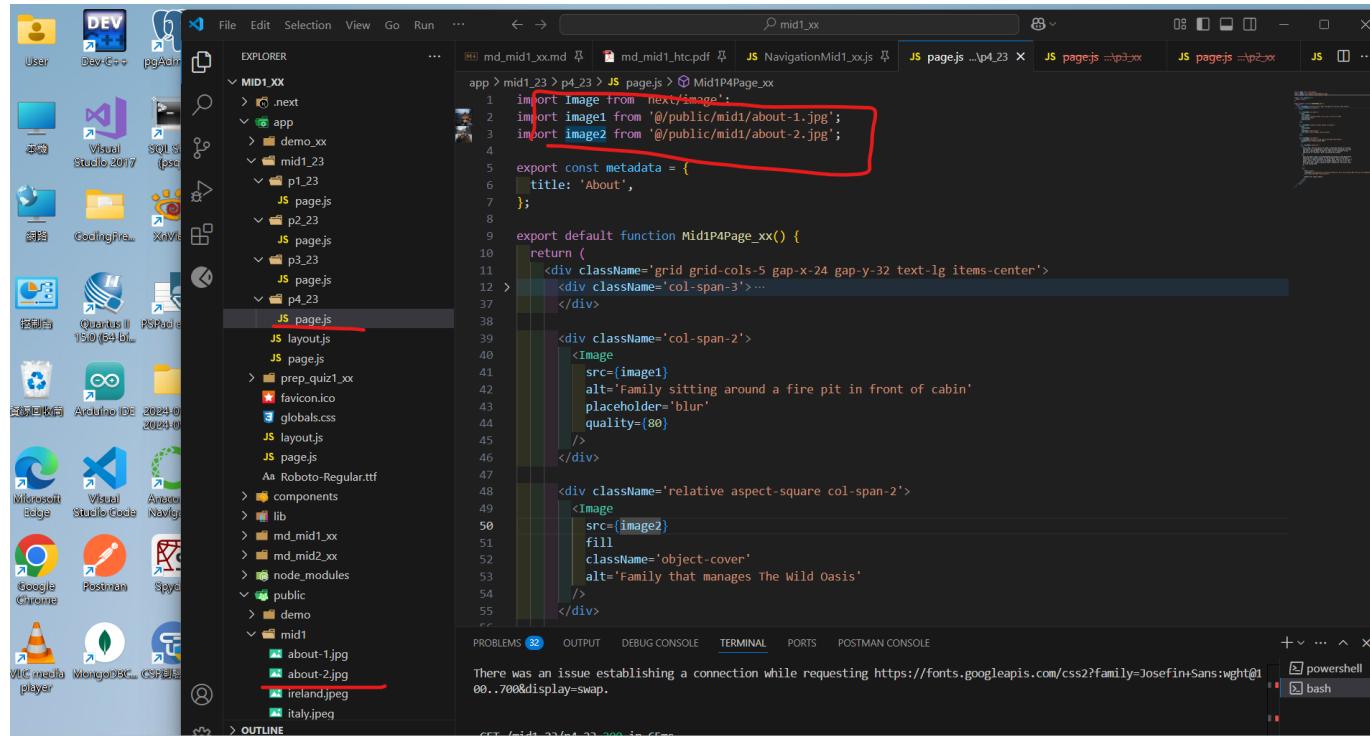


=> Chrome 顯示 About 頁面



## Your Answer

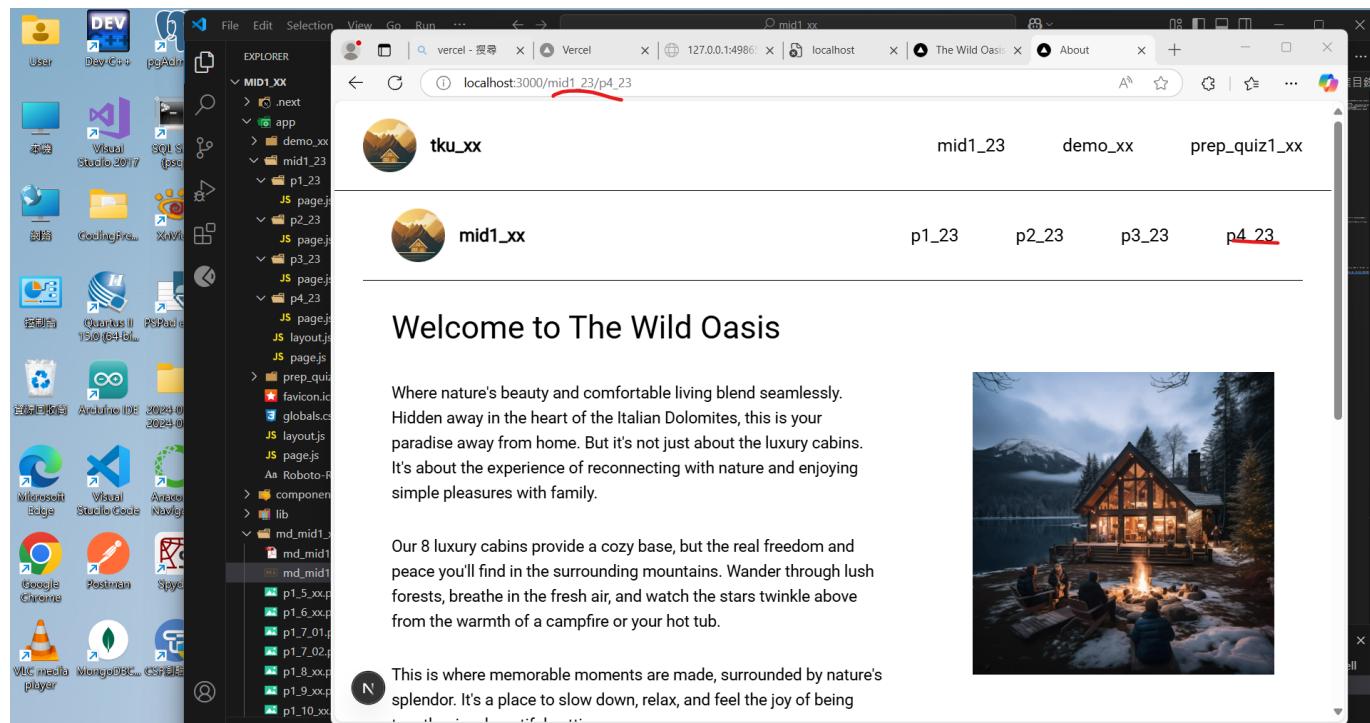
=> 會用到的檔案目錄



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

- File Explorer:** Shows a project structure named "MID1.XX". Inside "app", there are subfolders "demo\_xx", "mid1\_23", and "p1\_23". Each folder contains "JS page.js" files. The "mid1\_23/JS page.js" file is currently selected.
- Code Editor:** Displays the content of "mid1\_23/JS page.js". The code imports images from the public folder and defines a component "Mid1P4Page\_xx" that displays two images: "about-1.jpg" and "about-2.jpg". A red box highlights the import statements for these images.
- Terminal:** Shows a warning message: "There was an issue establishing a connection while requesting https://fonts.googleapis.com/css?family=Josefin+Sans:wght@000..700&display=swap."

=> Chrome 顯示 About 頁面



=> 相關 code 之截圖

