網頁程式設計 Web Programming

Ch2: HTML

Outline

- HyperText Markup Language
- Static HTML page
- HTML Header

REF: 新觀念PHP7+MySQL+AJAX網頁設計範例教本(第五版),旗標。

REF: 輕鬆玩HTML5+CSS3+JavaScript網頁程式設計,全華。

HyperText Markup Language

- HyperText Markup Language (HTML) is a markup language used to display the information through a web browser.
- It can be combined with Cascading Style Sheets (CSS) and other scripting languages (like JavaScript) for building a brilliant webpage.
- When Client's web browser receives a HTML from the web server/opens a local HTML file, it renders the HTML into multi-media webpage.

- HTML describes the structure of the design of webpage with documented words.
- HTML elements are delineated by tags, written using angle brackets.
- → <html>...</html>
- With HTML, image, video and other objects (like form) are able to be embedded into the rendered page for presentation.

Naming Comparison

- HTML (HTML4 and before)
 - HTML4 became a W3C Recommendation in 1997
 - It continues to serve as a rough guide to many of the core features of HTML
- HTML5 (called XHTML before)
 - It includes more processing models to encourage interoperable implementations in HTML
 - Many new syntactic features are added, such as section, nav (navigation), and figure
- DHTML (Dynamic HTML)
 - It involves HTML, CSS and script languages (like Flash, JS, and AJAX) to provide dynamic webpages for user browsing

HyperText Markup Language

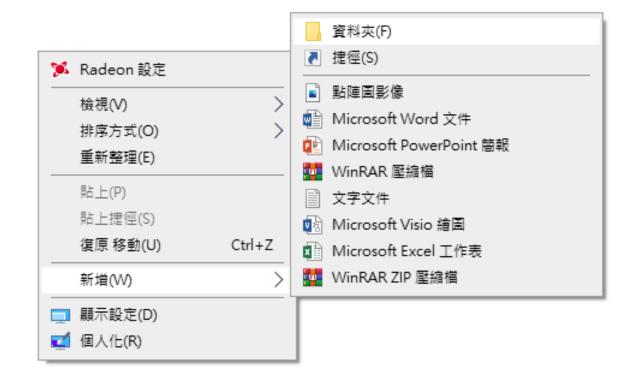
- HTML markup description consists of several key components:
 - Tags (and their attributes)
 - Character-based data type
 - Character reference
 - Entity reference

→ 不同的 tag 可呈現出不同的 html 元素 (element) 效果

- HTML tags most commonly come in pairs like html, while some are unpaired, such as and <a href...>
- The first tag in such a pair is the start tag, and the second one is the end tag
- They are also called opening tags and closing tags.

如何使用文字編輯器軟體簡單撰寫 HTML

- 首先需要決定你的網頁檔案要放在電腦中的哪個資料夾
- 建議單獨新增一個資料夾,將網頁存放在裡面(練習時比較好整理)
- 也可以在資料夾內部新增其他子資料夾,將圖片/影片/... 進行分類





也可以自行依照需求命名 (例如 hw1, hw2...)

如何使用文字編輯器軟體簡單撰寫 HTML (cont.)

• 可以使用 windows 內建的記事本 (notepad) 建立檔案

```
| *未命名·記事本
| 檔案(F) 編輯(E) 格式(O) 檢視(V) 說明
| <!DOCTYPE html>
| <html>
| <head>
| <title>My first html document</title>
| </head>
| <body>
```

準備一個乾淨的 html template 練習時直接複製來修改會更方便

• 記得存檔時的存檔類型要選擇 "所有檔案" 並且 "檔名後面要手動加上副檔名"



← 副檔名為 .html 或者 .htm 都可以,此範例為 hello-world.html

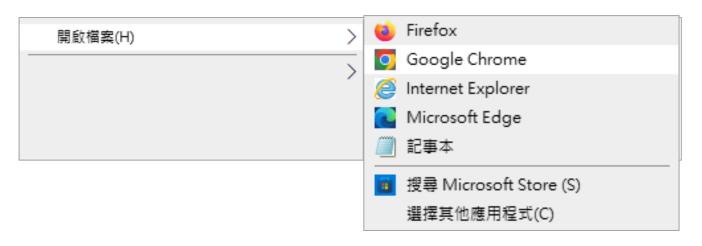
← 選擇所有檔案 (*.*)

如何使用文字編輯器軟體簡單撰寫 HTML (cont.)

• 根據預設的瀏覽器 (browser), 存好的檔案可能會出現不同的檔案圖示



• 右鍵點選圖示後選擇 "開啟檔案" 後會出現可供選擇的瀏覽器



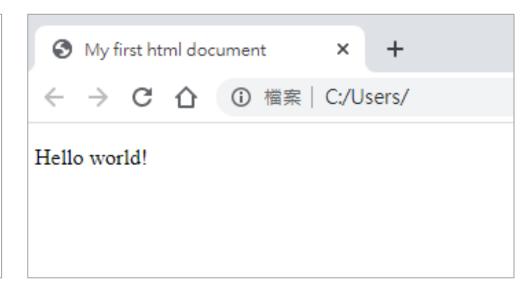
如何使用文字編輯器軟體簡單撰寫 HTML (cont.)

- Notepad++ is a free source code editor and Notepad replacement that supports several languages. It runs in the MS Windows environment, which is governed by GNU General Public License.
- 推薦使用這套文字編輯器軟體
- 編輯純文字文件或者觀看原始碼 (加註解) 很方便
- Notepad++不是 IDE 所以沒辦法幫你編譯原始碼
- Notepad++ 下載點
 - https://notepad-plus-plus.org/downloads/

REF: https://notepad-plus-plus.org/

HyperText Markup Language

This is the classic "Hello World!" in HTML

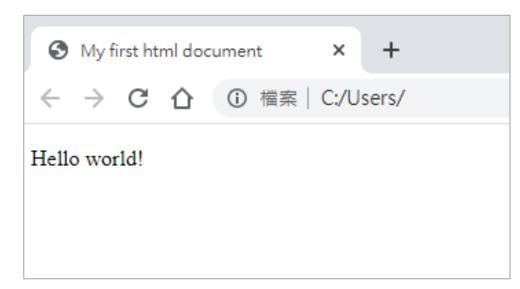


• Try your best!

標籤內不分大小寫 <html> 和 <HTML> 結果是一樣的若無特別想法建議全部使用小寫

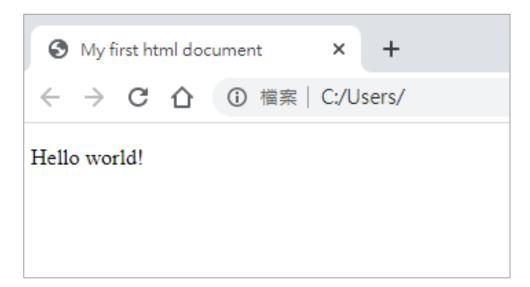
This is the classic "Hello World!" in HTML

```
<!DOCTYPE html>
    <html>
 3
        khead>
 4
            <title>My first html document</title>
        </head>
        <body>
            <div>
 8
                 Hello world!
 9
            k/div>
        </body>
10
    </html>
```



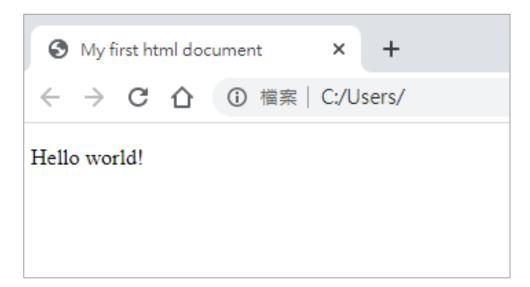
• Using indent ("TAB" key) to increase the readability of document layout.

This is the classic "Hello World!" in HTML



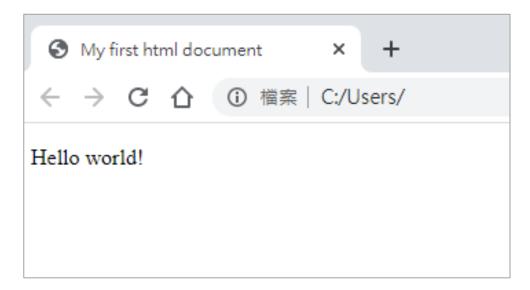
• The "Document Type Declaration" <!DOCTYPE html> is a clam for HTML5.

This is the classic "Hello World!" in HTML



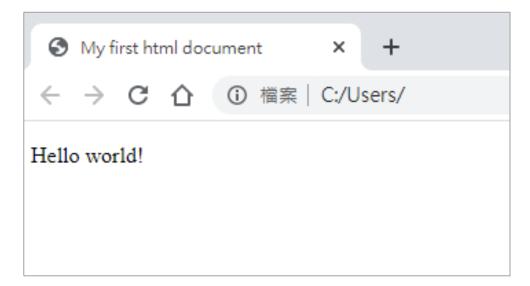
• If this declaration is not included, most browsers will revert this webpage as the quirks mode for rendering in maintaining backward compatibility.

This is the classic "Hello World!" in HTML



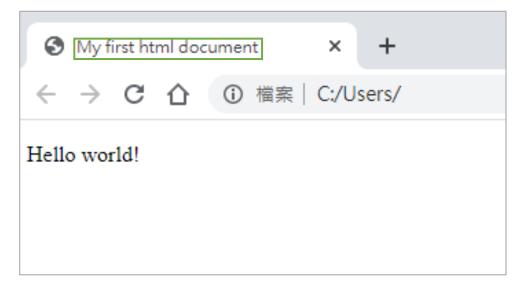
• The text between html and html describes the whole range of HTML document.

This is the classic "Hello World!" in HTML



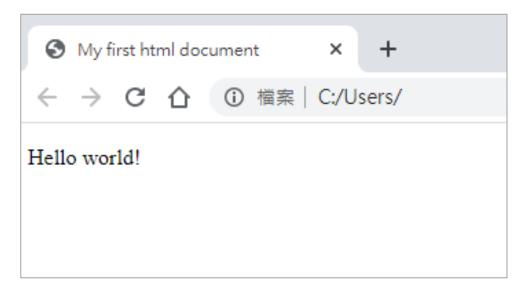
 The markup text between <header> and </header> brings the header information of this webpage.

This is the classic "Hello World!" in HTML



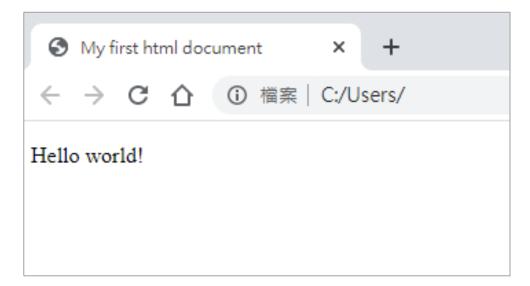
• The markup text in <title> and </title> describes the presented title on client's web browser.

This is the classic "Hello World!" in HTML



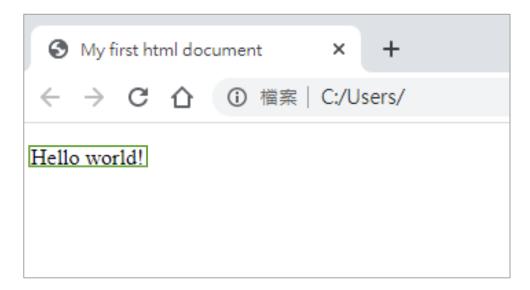
• The text between <body> and </body> shows the visible page content for the client.

This is the classic "Hello World!" in HTML



• <div> and </div> defines a division of the web page with easy styling (定義一個區塊)

This is the classic "Hello World!" in HTML



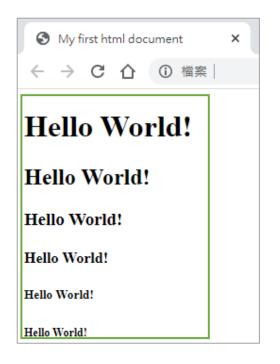
• and defines an area for printing text

<html>

- <html> 標籤是 HTML 網頁的根元素,它是一個容器元素,其內容就是其他 HTML 標籤,擁有 <head> 和 <body> 兩個子標籤。
- 如果需要,在 <html> 標籤可以額外使用 lang 屬性來指定網頁使用的語言, <html lang="zh-TW">
- lang 的屬性值會使用 2 碼代表,例如:en (英文)、fr (法文)、de (德文)、it (義大利文) 和 ja (日文)等。在 lang 屬性值也可以加上次 2 碼的國家或地區
- 例如 en-US 是美式英文、zh-TW 是正體中文等。

Trying to use headline size tag in HTML

```
<!DOCTYPE html>
    -<html>
           <head>
               <title>My first html document</title>
          </head>
          <body>
               <div>
                   <hl>Hello World!</hl>
 8
                   <h2>Hello World!</h2>
                   <h3>Hello World!</h3>
10
                   <h4>Hello World!</h4>
12
                   <h5>Hello World!</h5>
13
                   <h6>Hello World!</h6>
14
               </div>
15
          </body>
16
      </html>
```



• <h1> and </h1> defines the headline text size for presentation.

注意標題會自動換行 也會吃掉文字效果

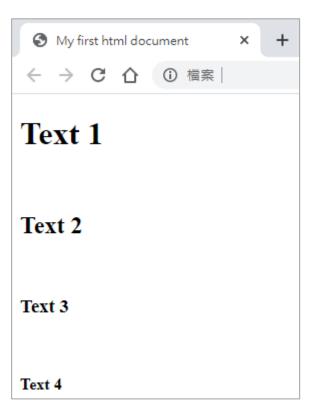
There are 6 sizes can be selected.

• Trying to use line break (換行) tag in HTML

```
<!DOCTYPE html>
    -<html>
           <head>
               <title>My first html document</title>
          </head>
          <body>
               <div>
                   <h1>Text 1</h1>
                   <br>
10
                   <h2>Text 2</h2>
                   <br>
12
                   <h3>Text 3</h3>
                   <br>
                   <h4>Text 4</h4>
14
15
               </div>
16
          </body>
     L</html>
```

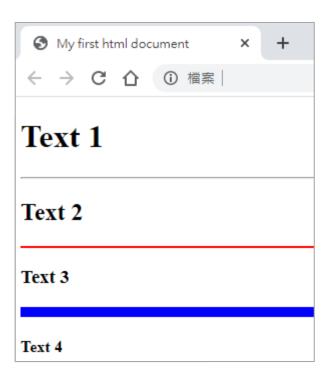
Use
br> to make the line break

也會看到使用
 的方式表示



• Trying to use horizontal rule (水平分隔線) tag in HTML

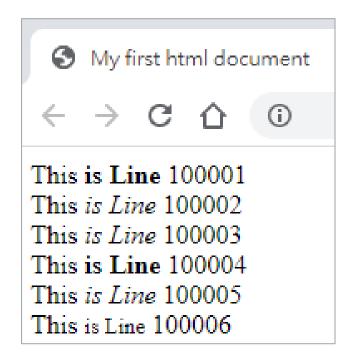
```
<!DOCTYPE html>
    -<html>
 3
          <head>
               <title>My first html document</title>
          </head>
          <body>
               <div>
                   <h1>Text 1</h1>
 8
                   <hr>
10
                   <h2>Text 2</h2>
11
                   <hr color="red">
12
                   <h3>Text 3</h3>
13
                   <hr color="blue" size="10" />
                   <h4>Text 4</h4>
15
               </div>
16
          </body>
17
      </html>
```



Use <hr> tag to presented the horizontal rule (also with color/size attributes)

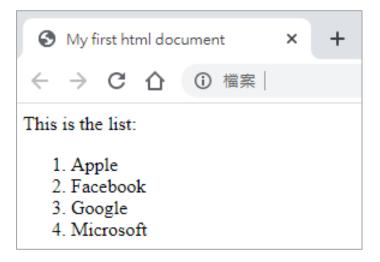
Trying to use following tags to change text format in HTML

```
<!DOCTYPE html>
    -<html>
 3
          <head>
              <title>My first html document</title>
          </head>
          <body>
              <div>
                   <h3>This <b>is Line</b> 100001<br></h3>
                  <h3>This <i>is Line</i> 100002<br></h3>
 9
                  <h3>This <em>is Line</em> 100003<br>></h3>
10
                  <h3>This <strong> is Line</strong> 100004<br></h3>
11
12
                  <h3>This <cite>is Line</cite> 100005<br>></h3>
13
                  <h3>This <small> is Line</small> 100006<br></h3>
14
              </div>
15
          </body>
16
      </html>
```



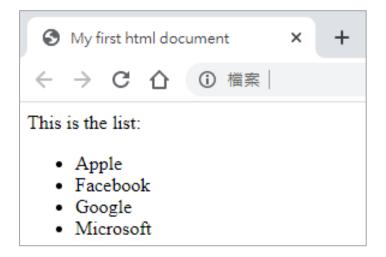
Trying to use ordered list tag in HTML

```
<!DOCTYPE html>
   □<html>
3
         <head>
            <title>My first html document</title>
 4
        </head>
        <body>
            <div>
               This is the list:
8
               10
                   Apple
11
                   Facebook
12
                   Google
13
                   Microsoft
14
               15
            </div>
16
         </body>
17
     </html>
```



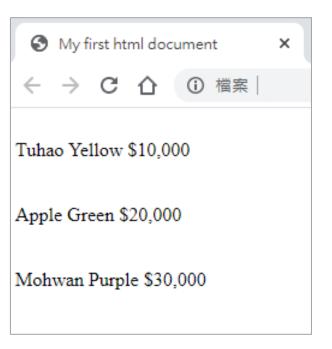
Trying to use unordered list tag in HTML

```
<!DOCTYPE html>
   -<html>
3
         <head>
            <title>My first html document</title>
4
        </head>
        <body>
            <div>
               This is the list:
8
               <u1>
10
                   Apple
11
                   Facebook
12
                   Google
13
                   Microsoft
14
               15
            </div>
16
         </body>
17
    </html>
```



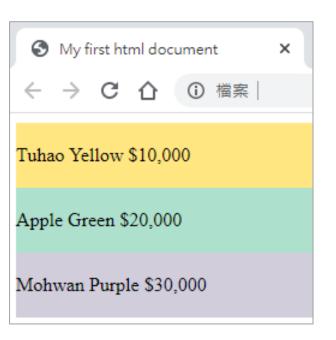
Trying to use alternative div tag in HTML

```
<!DOCTYPE html>
     -<html>
           <head>
               <title>My first html document</title>
          </head>
          <body>
               <div>
 8
                   <br>
                   Tuhao Yellow $10,000<br>
10
                   <br>
               </div>
12
               <div>
13
                   <br>
14
                   Apple Green $20,000<br>
15
                   <br>
16
               </div>
17
               <div>
18
                   <br>
19
                   Mohwan Purple $30,000<br>
20
                   <br>
21
               </div>
           </body>
       </html>
```



• Trying to use alternative div tag in HTML (with background color)

```
<!DOCTYPE html>
    <head>
              <title>My first html document</title>
          </head>
          <body>
              <div style="background-color:#FFE681">
                  <br>
                  Tuhao Yellow $10,000<br>
 9
10
                  <br>
11
              </div>
              <div style="background-color:#AEE1CD">
13
                  <br>
14
                  Apple Green $20,000<br>
15
                  <br>
16
              </div>
              <div style="background-color:#D1CDDA">
18
                  <br>
19
                  Mohwan Purple $30,000<br>
20
                  <br>
21
              </div>
          </body>
       </html>
```

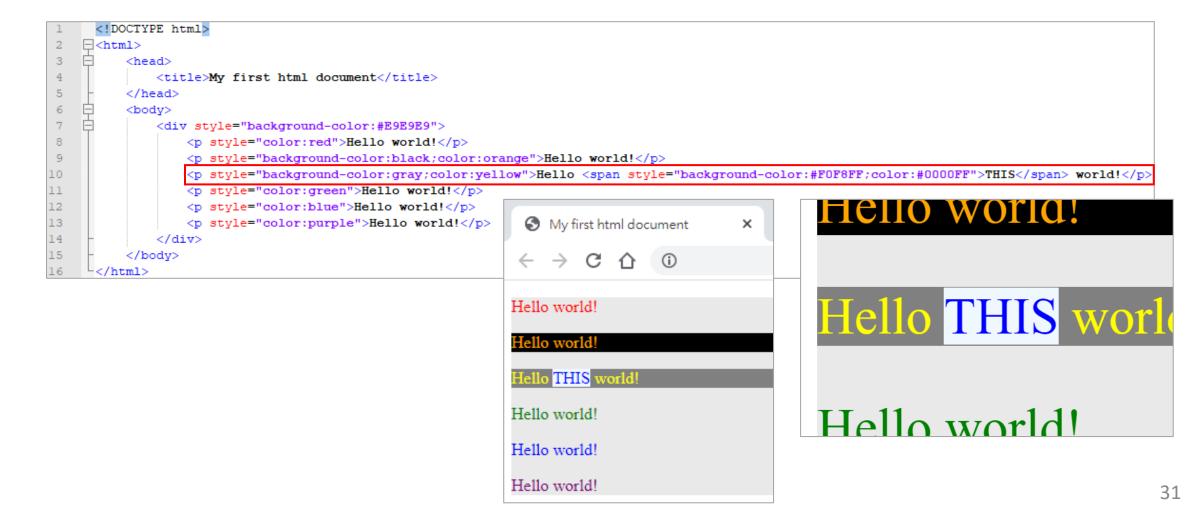


Trying to use span tag in HTML

```
Tuhao Yellow (hot!) $10,000
     <!DOCTYPE html>
    -<html>
         <head>
                                                                                         Apple Green (very hot!) $20,000
            <title>My first html document</title>
         </head>
         <body>
            <div style="background-color:#FFE681">
                                                                                         Mohwan Purple (sold out!) $30,000
8
                <br>
                                                             $10,000<br>
                Tuhao Yellow <span style="color:red">(hot!)</span>
9
                <br>
            </div>
            <div style="background-color:#AEE1CD">
13
                <br>
                Apple Green <span style="background-color:#FF0000;color:#FFFFFF">(very hot!)</span>
14
15
                <br>
            </div>
17
            <div style="background-color:#D1CDDA">
18
                <br>
                Mohwan Purple <span style="border-bottom:5px solid black;color:blue"><strong>(sold out!)
19
                <br>
                                       多個參數時中間會使用分號來分隔
            </div>
                                                 有些較為嚴謹的寫法會在最後面結尾加上分號 (範例中沒有)
         </body>
     </html>
```

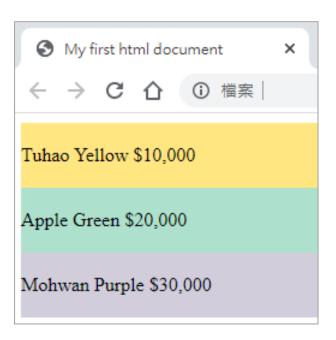
My first html document

Trying to use alternative p tag in HTML (with background color!)



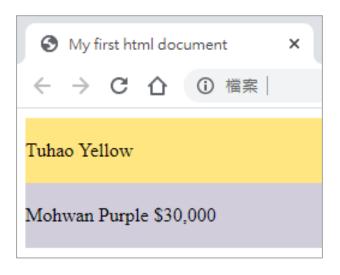
Trying to use comment tag in HTML – original

```
<!DOCTYPE html>
    -<html>
          <head>
               <title>My first html document</title>
          </head>
          <body>
               <div style="background-color:#FFE681">
                   <br>
                   Tuhao Yellow $10,000<br>
10
                   <br>
              </div>
               <div style="background-color:#AEE1CD">
13
                   <br>
14
                   Apple Green $20,000<br>
15
                   <br>
16
               </div>
17
               <div style="background-color:#D1CDDA">
18
                   <br>
19
                   Mohwan Purple $30,000<br>
20
                   <br>
               </div>
          </body>
       </html>
```



• Trying to use comment tag in HTML – with comment

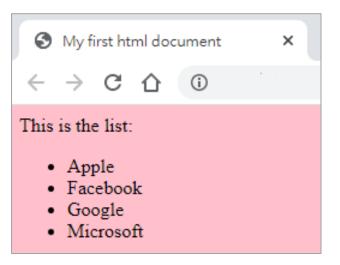
```
<!DOCTYPE html>
    -<html>
           <head>
               <title>My first html document</title>
          </head>
          <body>
               <div style="background-color:#FFE681">
                   <br>
                   Tuhao Yellow <!--$10,000--><br>
10
                   <br>
11
               </div>
12
               <1--
               <div style="background-color:#AEE1CD">
13
14
                   <br>
15
                   Apple Green $20,000<br>
16
                   <br>
               </div>
18
19
               <div style="background-color:#D1CDDA">
20
                   <br>
21
                   Mohwan Purple $30,000<br>
22
                   <br>
23
               </div>
          </body>
       </html>
```



← 註解可以單行使用,也可以跨行使用

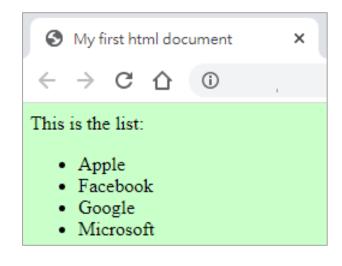
• Trying to change the background color in HTML (use color name)

```
<!DOCTYPE html>
    -<html>
 3
         <head>
            <title>My first html document</title>
 4
 5
         </head>
         <body bgcolor="pink">
            <div>
 8
                This is the list:
 9
                <u1>
10
                   Apple
11
                   Facebook
12
                   Google
13
                   Microsoft
14
                15
            </div>
16
         </body>
17
     </html>
```



Trying to change the background color in HTML (use RGB value)

```
<!DOCTYPE html>
    -<html>
 3
         <head>
             <title>My first html document</title>
         </head>
         <body bgcolor="#C9FFC9">
             <div>
 8
                 This is the list:
                 \langle ul \rangle
10
                     Apple
                     Facebook
11
12
                     Google
                     Microsoft
13
14
                 15
             </div>
16
         </body>
      </html>
```

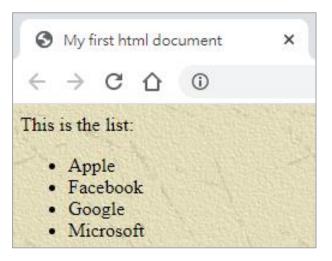


→ 可運用 RGB 色碼表來配置想要的顏色

- You may also assign color to the line text by using <style> tag
- https://www.w3schools.com/html/html_colors.asp

Trying to change the background in HTML (with an image)

```
<!DOCTYPE html>
    -<html>
 3
         <head>
            <title>My first html document</title>
 4
 5
         </head>
         <body background="images/rock.jpg">
            <div>
                This is the list:
                <l
10
                   Apple
                   Facebook
                   Google
13
                   Microsoft
                14
15
            </div>
16
         </body>
17
     </html>
```



Trying to insert an image in HTML

```
<!DOCTYPE html>
                                                                               National Central University
    3
          <head>
             <title>My first html document</title>
                                                                   • NEW Week1: There is no quiz this week!
         </head>

 week2

         <body>
             <img src="images/ncu title.png"</pre>

    week3

             <div>

 week4

                 <u1>
                     <img src="images/new.gif">Week1: There is no quiz this week!
10
                     >week2
11
                     veek3
12
                     veek4
13
14
                 </div>
15
16
         </body>
      </html>
```

使用相對路徑描述檔案(資源)位置時 範例中的 "images/new.gif" 也可以寫成 "./images/new.gif"

My first html document

×



Trying to insert an image in HTML

```
<!DOCTYPE html>
    -<html>
          <head>

    NEW Week1: There is no quiz this week!

    week2

              <title>My first html document</title>

    week3

          </head>
                                                                               · week4
          <body>
              <img src="images/ncu title.png" alt="This is the logo" width="500" height="30">
              <br>
              <img src="images/ncu title.png" alt="This is the logo" width="60%">
              <div>
                                            For percentage, you can only set one or the other
                   <u1>
12
                       <img src="images/new.gif">Week1: There is no quiz this week!
13
                       veek2
14
                       >week3
15
                       veek4
16
                   17
              </div>
18
          </body>
      </html>
```

My first html document→ C ↑ ①

• There are also some alternative values can be used in the

14

15

16

HyperText Markup Language (cont.) My first html document Trying to insert an image in HTML This is the logo NEW Week1: There is no quiz this week! <!DOCTYPE html> week2 -<html> week3 3 <head> week4 <title>My first html document</title> </head> <body> <img src="images/ncu xxx.png"</pre> alt="This is the logo" width="500" <div> 替代文字 長寬設定 <u1> 10 <imq src="images/new.gif">Week1: There is no quiz this week! >week2 11 >week3

>week4

</div>

</body>

</html>

• Explanation in *alt="..."* will show on the browser when image resource is unavailable

Trying to insert an image in HTML

```
    NEW Week1: There is no quiz this week!

      <!DOCTYPE html>

    week2

    □<html>

 week3

          <head>

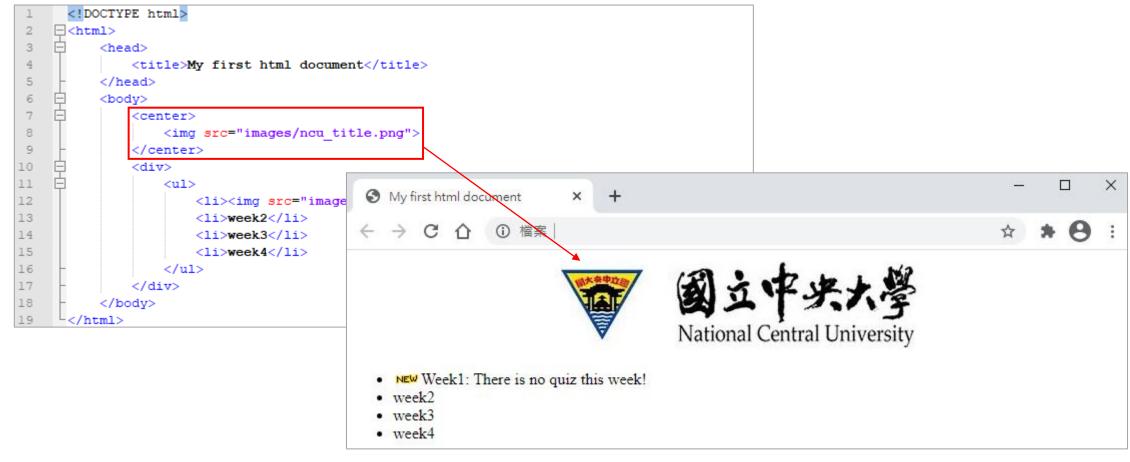
    week4

             <title>My first html document</title>
          </head>
          <body>
             <img src="https://im.mqt.ncu.edu.tw/img/welcome/hero-slide-1.jpg" alt="This is the logo" width="300" height="100">
             <div>
                 ul>
10
                     <img src="images/new.gif">Week1: There is no quiz this week!
                     >week2
12
                     >week3
13
                     >week4
14
                 15
             </div>
          </body>
      </html>
```

Using external image resource

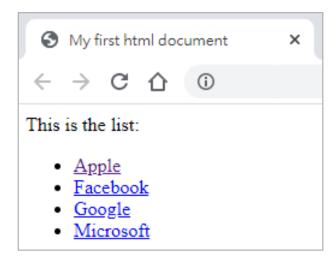
My first html document

Trying to insert an image with <center> tag in HTML



Trying to insert a hyperlink in HTML

```
<!DOCTYPE html>
    -<html>
 3
         <head>
             <title>My first html document</title>
         </head>
         <body>
             <div>
                This is the list:
                <u1>
10
                    <a href="https://www.apple.com">Apple</a>
11
                    <a href="https://www.facebook.com">Facebook
12
                    <a href="https://www.google.com">Google
13
                    <a href="https://www.microsoft.com">Microsoft
14
                15
             </div>
16
         </body>
17
     </html>
```

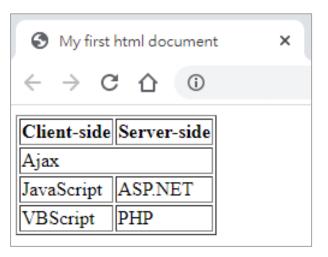


blank 會讓瀏覽器另外開啟新的分頁視窗 Trying to insert a hyperlink in HTML <!DOCTYPE html> -<html> 設定顯示在網頁上的鏈結描述 <head> (此範例為一張圖片) <title>My first html document</title> </head> <body> </body> </html> My first html document 👺 國立中央大學 × National Central University

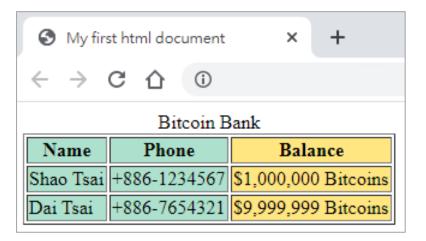
• The space between <a href...> and can also add other tags (e.g., , <i>, <h1>) to change the presented text format of hyperlink. This example is using

Trying to create a table in HTML

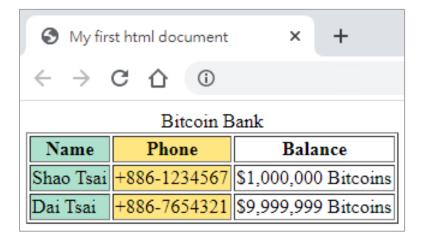




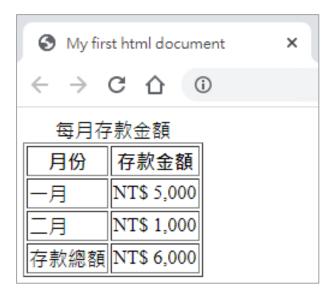
```
<!DOCTYPE html>
   -<html>
       <head>
          <title>My first html document</title>
       </head>
       <body>
          <caption>Bitcoin Bank</caption>
10
              <colgroup>
                <col span="2" style="background-color:#AEE1CD">
12
                <col style="background-color:#FFE681">
              </colgroup>
15
              16
                Name
                 Phone
                 Balance
19
             20
              Shao Tsai
                +886-1234567
23
                $1,000,000 Bitcoins
24
             25
              Dai Tsai
                 +886-7654321
                $9,999,999 Bitcoins
28
             30
          32
       </body>
    </html>
```







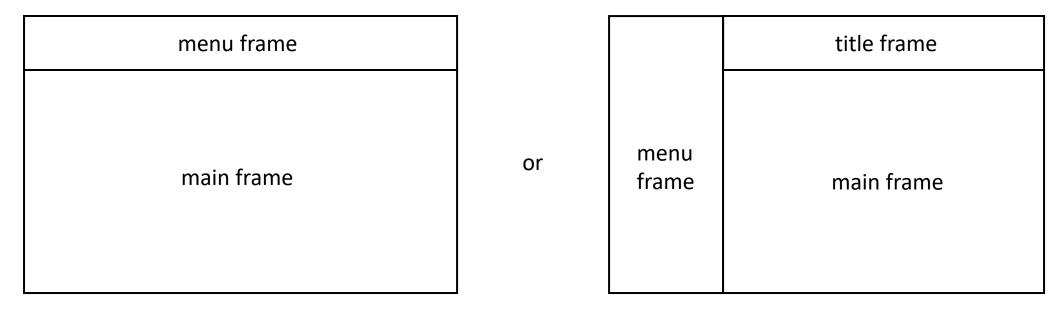








• In HTML4 (and before), tag <frame> was used to define one particular window (i.e., frame) within <frameset> and other configuration attributes



- While it is not supported in HTML5 anymore
- It has been changed by using <iframe> tag now

Trying to use iframe in HTML5

```
<!DOCTYPE html>
<html>
     <head>
         <title>My first html document</title>
     </head>
     <body>
         <div>
             This is the list:
             <u1>
                 <a href="https://im.mqt.ncu.edu.tw/" target="iframe a">IM Dept (target: iframe a)</a>
                    <a href="https://www.csie.ncu.edu.tw/" target="iframe b">CSIE Dept (target: iframe b)</a>
                 <a href="https://www.cc.ncu.edu.tw/" target="iframe c">NCUCC (target: iframe c)</a>
             </div>
         <div>
             <iframe src="./iframe a.html" name="iframe a" width="100%" height="250">
             </iframe>
         </div>
         <div>
             <iframe src="./iframe b.html" name="iframe b" width="100%" height="250" style="border:3px solid black;'</pre>
             </iframe>
         </div>
         <div>
             <iframe src="./iframe c.html" name="iframe c" width="100%" height="250" style="border:none;"</pre>
             </iframe>
                                                          長寬設定
                                         iframe 名稱
         </div>
     </body>
```

• Trying to use iframe in HTML5



• Trying to use iframe in HTML5



HTML 中的 <head>

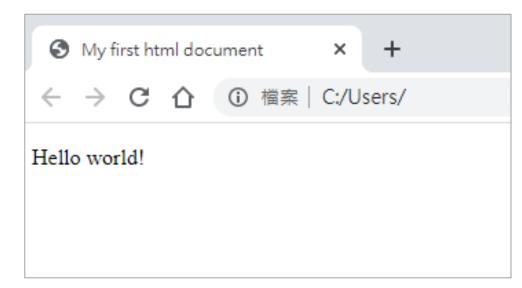
- <head> 標籤的內容是標題元素,在 <head> 和 </head> 之間除了 <title> 以外還可以加入 <meta> 、 <script> 和 <style> 等標籤。
- <meta> 標籤可以指定網頁的編碼(讓瀏覽器配合呈現)
- 常用的指定編碼為 utf-8 ,語法為 <meta charset="utf-8">
- <meta> 標籤也可以增添網頁的說明或關鍵字,增加搜尋引擎索引權重
- 詳細關鍵字可參考 Search Engine Optimization (SEO)
- <script> 標籤常見的用法是搭配 JavaScript 語法來運用
- <style> 可以設定網頁內容 (文字/圖片) 樣式,通常會搭配 CSS 來運用

<head> Tags

- <title> (網頁抬頭資訊)
- <meta> (網頁 metadata 資訊)
- <style> (CSS 樣式設定)
- (CSS 樣式表/favicon更改)
- <base> (嵌入 base URL 資訊)
- <script> (嵌入 JavaScript 語法)
- <noscript> (當網頁不支援 JavaScript 時的 alternative message)

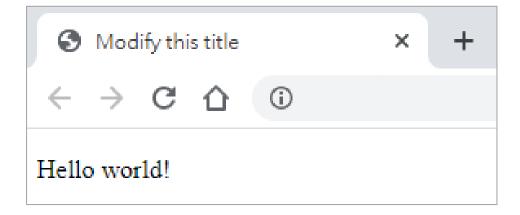
HyperText Markup Language

This is the classic "Hello World!" in HTML



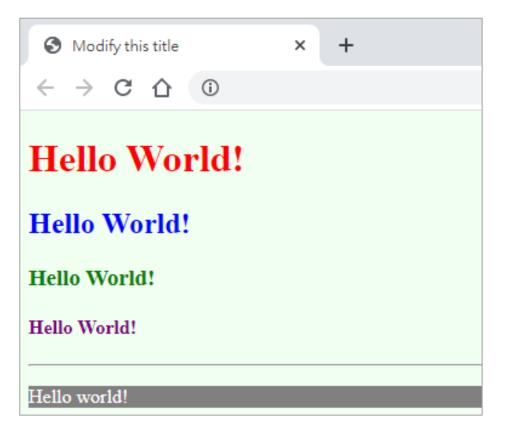
All head tags should be put in this area.

Use title tag to setup title information for webpage



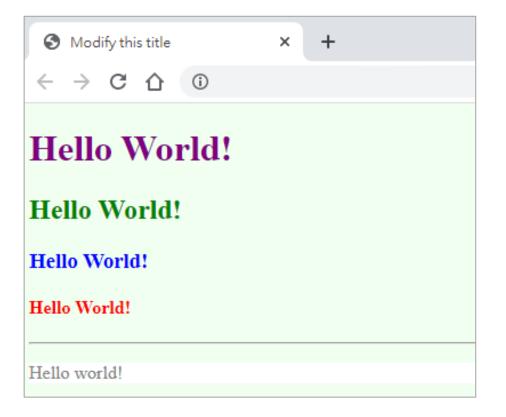
Use style tag to make CSS configuration

```
<!DOCTYPE html>
    -<html>
          <head>
              <title>Modify this title</title>
              <style>
                  body {background-color: #F0FFF0;}
                  h1 {color: red;}
                  h2 {color: blue;}
                  h3 {color: green;}
                  h4 {color: purple;}
10
                  hr {color: #FFE681;}
12
                  p {background-color: gray;color: white}
13
              </style>
14
          </head>
15
          <body>
16
              <div>
17
                  <hl>Hello World!</hl>
18
                  <h2>Hello World!</h2>
19
                  <h3>Hello World!</h3>
                  <h4>Hello World!</h4>
21
                  <hr>>
                  Hello world!
              </div>
          </body>
       </html>
```

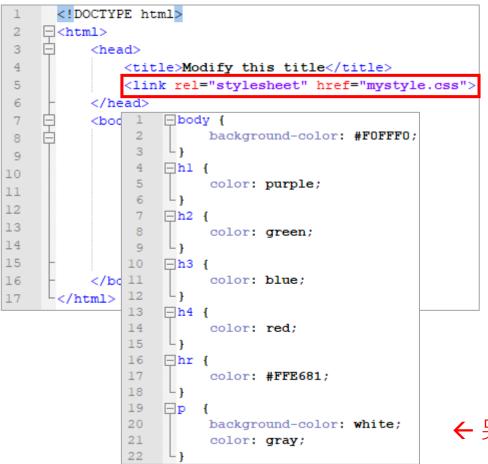


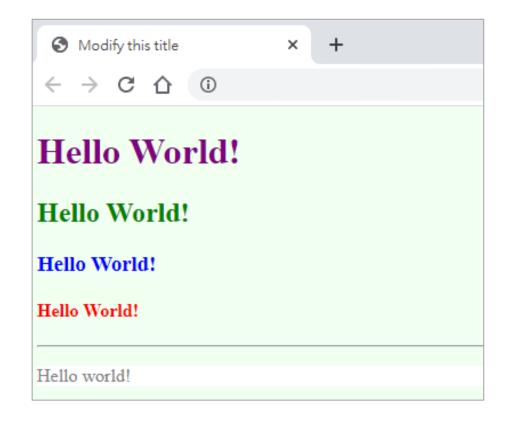
• Use link tag to include CSS configuration file

```
<!DOCTYPE html>
    -<html>
 3
          <head>
 4
              <title>Modify this title</title>
              <link rel="stylesheet" href="mystyle.css"</pre>
 5
          </head>
          <body>
              <div>
9
                   <hl>Hello World!</hl>
                   <h2>Hello World!</h2>
10
                   <h3>Hello World!</h3>
                   <h4>Hello World!</h4>
13
                   <hr>
14
                   Hello world!
15
              </div>
          </body>
      </html>
```



Use link tag to include CSS configuration file





← 另外創建一個檔案名稱為 mystyle.css 並填入內容

• Use link tag to include customized favicon.ico



Use style tag to make configuration

meta data 提供搜尋引擎索引時的參考資料 refresh 可以設定讓網頁多久重新整理



Open Graph

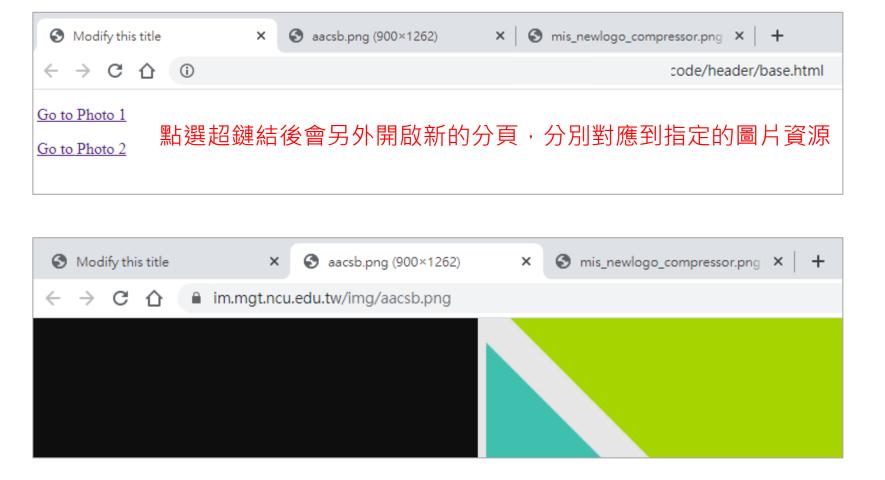
- Open Graph 是由 Facebook 所推出的 meta tag 語法設計
- 與原本 html 的 meta tag 使用方式類似,但裡面的 property 值有進一步擴充
- 使用 Open Graph 時可以讓網頁資源**被分享**的時候能控制其內容 (例如被顯示的標題、文章內容資訊、圖片大小等)
- <meta property="og:title" content="My new website">
- <meta property="og:description" content="This website is about...">
- <meta property="og:type" content="article">
- <meta property="og:locale:alternate" content="zh_TW">
- <meta property="og:image" content="facebook.gif">
- <meta property="fb:app_id" content="YOUR_APP_ID">

REF: https://developers.facebook.com/docs/sharing/webmasters

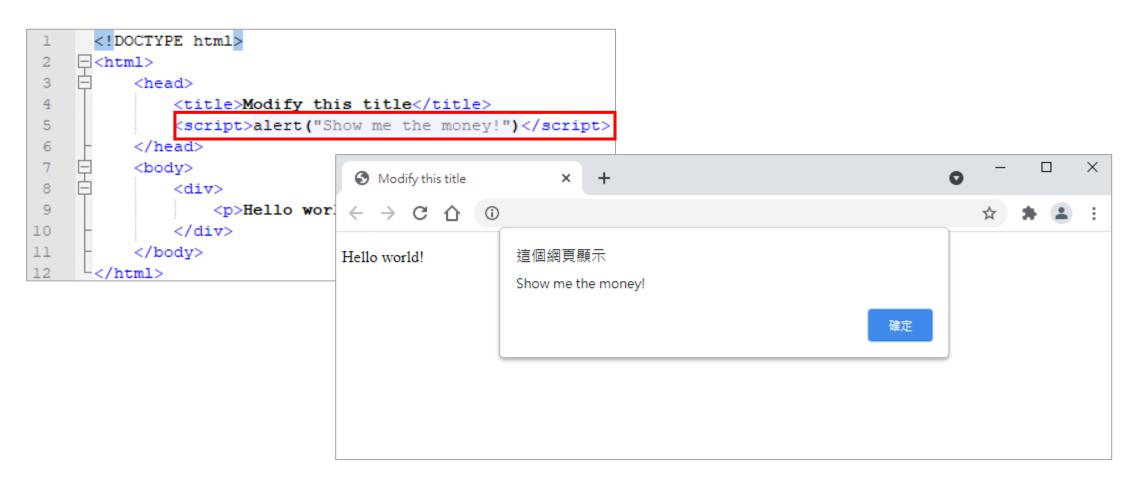
Use base tag to setup fundamental prefix for URI

```
<!DOCTYPE html>
    -<html>
 3
         <head>
             <title>Modify this title</title>
                                                                        基本的 URL (網站網址)
             <base href="https://im.mqt.ncu.edu.tw/imq/" target=" blank">
         </head>
         <body>
             <div>
                 <a href="aacsb.png">Go to Photo 1</a>
                                                                        對應的 URI (圖片檔)
                 <a href="mis newlogo compressor.png">Go to Photo 2
10
11
             </div>
12
         </body>
13
     </html>
```

Use base tag to setup fundamental prefix for URI



Use script tag to show alert message

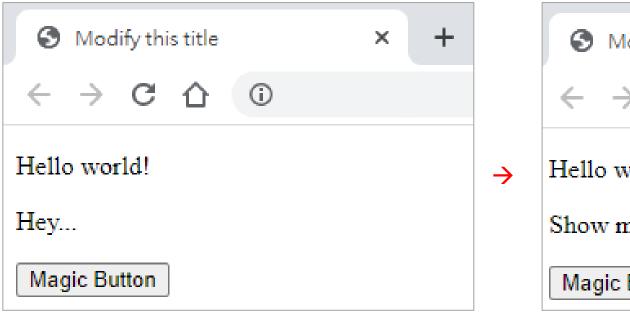


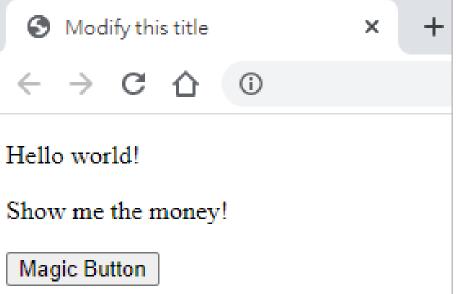
Use script tag to change content information

```
<!DOCTYPE html>
    =<html>
          <head>
              <title>Modify this title</title>
              <script>
                  function myFunction() {
                  document.getElementById("magic").innerHTML = "Show me the money!";
              </script>
10
          </head>
          <body>
              <div>
13
                  Hello world!
14
                   (p id="magic">Hey...
15
                   <button type="button" onclick="myFunction()">Magic Button</button>
16
              </div>
          </body>
       </html>
```

注意 ID 的部分

• Use script tag to change content information



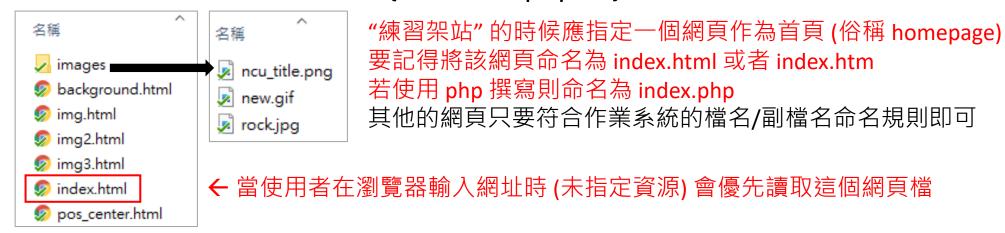


Use noscript tag to provide alternative message

```
<!DOCTYPE html>
    -<html>
         <head>
            <title>Modify this title</title>
            <script>
               function myFunction() {
               document.getElementById("magic").innerHTML = "Show me the money!";
            </script>
            <noscript>
10
               %的網頁瀏覽器不支援 JavaScript 
                                                    ← 當使用者的瀏覽器有設定禁止 script 語法時會觸發告警
12
            </noscript>
13
         </head>
14
         <body>
15
            <div>
16
               Hello world!
17
               Hey...
18
               <button type="button" onclick="myFunction()">Magic Button/button>
19
            </div>
        </body>
      </html>
```

於網頁伺服器上配置 homepage (首頁)

• 一般網頁伺服器會將 index.{html htm php ... } 當作預設要讀取的首頁



- 與該網頁同一層的檔案,參照時可以直接在 html 語法中使用檔名鏈結
- 但要鏈結其他資料夾裡面的檔案 (例如 images 資料夾裡的 rock.jpg), 此時語法中就必須要加上**伺服器端的目錄路徑**,否則會無法正確呈現圖片

其他常見的 HTML Element Reference

- 可以到 w3schools 找到各種 HTML Tag 的說明
- https://www.w3schools.com/tags/
- 試著自己用不同的 tag 組合來練習調整文字輸出格式吧!
- 照著說明直接在教學網頁上即時練習
- https://www.w3schools.com/html/default.asp

Q & A

Thanks for your time and attention.