動態網頁設計

日資一甲 每周五早上 10:10-12:00

日資一乙 每周二早上 10:10-12:00

日資一甲 教室: N501

日資一乙 教室: N401

動態網頁設計(單元一) 使用Visual Studio Code 開發環境 幫助我們管理與製作 website (一個website有很多網頁與相關很多配件/檔案)

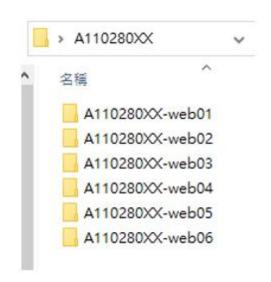
動態網頁設計(單元二) 使用Visual Studio Code 開發環境 幫助我們管理與製作 website (小考)

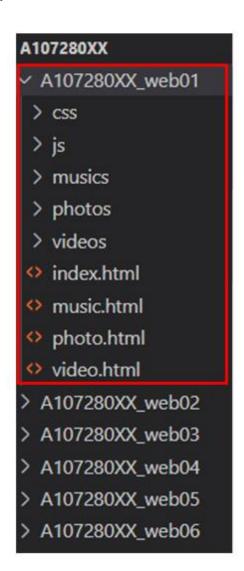
> 動態網頁設計(單元三) JavaScript 的簡介

HTML(標籤語言)製作網站內容 CSS(樣式表語言)美化網頁內容 JavaScript(腳本語言)設計網站動態效果與各種互動功能

小考考題









index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>A107280XX 小考(1)</title>
    <!-- Bootstrap 5 CSS -->
    link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
    <style>
         header { height: 80px;
                   color: #ffffff; background-image:linear-gradient(0deg, #3381b0, #c2196c);
                   font-size: large; line-height: 80px;
         main { min-height: 60vh;
         }
     </style>
</head>
<body>
     <header class="col text-center font-weight-bold">使用 Visual Studio Code 管理 網站製作</header>
     <nav class="navbar bg-success justify-content-start">
        <a href="index.html"><button type="button" class="btn btn-success">Home</button></a>
        <a href="photo.html"><button type="button" class="btn btn-success">照片輪播</button></a>
        <a href="music.html"><button type="button" class="btn btn-success">聽音樂</button></a>
        <a href="video.html"><button type="button" class="btn btn-success">看影片</button></a>
     </nav>
     <main class="container-fluid bg-warning">
         <div class="row justify-content-center">
             <center><img src="photos/01.jpg" height="300px" class="mt-4 w-50"></center>
        </div>
    </main>
    <footer class="row bg-primary py-5">
        <div class="row mx-0 justify-content-center align-items-center w-100">
             <div class="text-center text-light bg-dark w-50">
                  <div>
                       <strong>聯絡資訊</strong>
                 </div>
              < div>
```

```
<strong>電話:(02)25381111</strong><br>
                 <strong>地址:台北市大直街 70 號(L 棟 4 樓)</strong>
              </div>
           </div>
       </div>
  </footer>
</body>
</html>
  photo.html (其餘部分 跟 index.html 一模一樣)
  <main class="container-fluid bg-warning">
        <div class="row justify-content-center">
            <div class="col-12 col-sm-6">
                <h3 class="text-center mt-4">隨機輪播的照片</h3>
                <img src="photos/card5.jpg" class="mt-4 mb-4 d-block mx-auto">
            </div>
            <div class="col-12 col-sm-6">
                <h3 class="text-center mt-4">依序輪播的照片</h3>
                <img src="photos/card1.jpg" class="mt-4 mb-4 d-block mx-auto">
            </div>
       </div>
    </main>
  music.html (其餘部分 跟 index.html 一模一樣)
  <main class="container-fluid bg-warning">
        <div class="row justify-content-center">
             <div class="mx-auto">
                   <h3 class="text-center mt-4">音樂播放</h3>
                   <center><audio src="musics/Music1.mp3" controls class="mt-4 w-30"></audio></center>
              </div>
         </div>
   </main>
```

video.html (其餘部分 跟 index.html 一模一樣)

```
<main class="container-fluid bg-warning">
    <div class="row justify-content-center">
        <h3 class="text-center mt-4">個人影音劇場</h3>
        <center><video src="videos/video5.mp4" controls class="mt-4 w-50"></video></center>
        </div>
    </main>
```

動態網頁設計(單元四) JavaScript 的基本語法

```
<!doctype html>
<html>
<head>
  <meta charset="utf-8">
  <title> 動態網頁設計 單元(4)</title>
</head>
<body bgcolor="lightyellow" align="center">
    <h3>JavaScript 第一次上課 Unit 1</h3>
    <button onclick="javascript:document.getElementById('show').innerHTML='<h3>Welcome to Class</h3>'">
顯示資訊</button>
    <button onclick="javascript:document.getElementById('show').innerHTML='<h3 style=color:blue>Welcome
to Class</h3>"'>藍色的資訊</button>
    <button onclick="javascript:document.getElementById('show').innerHTML="">隱藏資訊</button>
    <h3>JavaScript 第一次上課 Unit 1</h3>
    <button onclick="display()">顯示資訊</button>
    <button onclick="blueInfo()">藍色的資訊</button>
    <button onclick="hide()">隱藏資訊</button>
```

```
<script>
         function display(){
              document.getElementById('show').innerHTML='<h3>Welcome to Class</h3>';
         }
         function blueInfo(){
              document.getElementById('show').innerHTML='<h3 style=color:blue>Welcome to Class</h3>';
         function hide(){
              document.getElementById('show').innerHTML=";
    </script>
    <h2> 將 css 崁入在 HTML 語法中 </h2>
    <div style="background-color:orange; text-align:justify; width:500px; margin:auto">
         部分區域 背景顏色 改變<br>
         Although the ancient Games were staged in Olympia, Greece, from 776 BC through 393 AD, it took
1503 years for the Olympics to return. The first modern Olympics were held in Athens, Greece, in 1896. The man
responsible for its rebirth was a Frenchman named Baron Pierre de Coubertin, who presented the idea in 1894.
    </div><br><br>>
    <h2> 將 Javacript 崁入在 HTML 語法中 </h2>
    <a href="Javascript:window.alert('將 Javacript 崁入在 HTML 語法中');">跳出/開啟 一個 視窗</a>
    <h2> Beginning line is using HTML </h2>
    <
    <script type="text/javascript" language="JavaScript">
          document.write("大家好, This sentence is written using JavaScript.");
          document.write("大家好, This sentence is written using JavaScript.");
          document.write("Hello! 此為 Paragraph");
          document.write("<h1>Hello World!</h1>Have a nice day!");
          document.write(Date());
          document.write(Date());
          document.write("<br><br>");
          document.writeln("大家好, This sentence is written using JavaScript.");
          document.writeln("大家好, This sentence is written using JavaScript.");
          document.writeln("Hello World!");
          document.writeln("Have a nice day!");
    </script>
```

```
<div style="width:10%;margin:auto">
    ul id="myList">
        Coffee
        Tea
    </u1>
</div>
Click the button to append an item to the end of the list.
<button onclick="myFunction()">增加一個 list node Water</button>
<script>
    function myFunction() {
         var node = document.createElement("li");
         var textnode = document.createTextNode("Water");
         node.appendChild(textnode);
         document.getElementById("myList").appendChild(node);
</script>
<div style="width:10%;margin:auto">
    ul id="drinkList">
        Coffee
        Tea
    </div>
Click the button to append one of items to the end of the list.
<button onclick="myFunc()">在 ul list 中, 增加 一項 飲料 </button>
<script>
    drinks = ["Water", "Juice", "Wine", "Soda", "Milk", "Whiskey"];
    i = 0;
    function myFunc() {
        var node = document.createElement("li"); // Create a  element
        var textnode = document.createTextNode(drinks[i]); // Create a text node
        document.getElementById("drinkList").appendChild(node); // Append the text to i>
        node.appendChild(textnode); // 出現的 位置
        i = i + 1;
        if (i == drinks.length) {
            i=0;
        }
```

```
}
    </script>
    <h2> Ending line is using HTML </h2>
</body>
</html>
<!doctype html>
<html>
<head>
    <meta charset="utf-8">
    <title> JavaScript 第一次上課 Unit 2</title>
</head>
<body align="center">
    <h2> Beginning line is using HTML </h2>
     My first paragraph.
    <button type="button" onclick="myFunction()">Click me!</button>
    <script>
         function myFunction() {
             document.write("<br></br></conter><font size='7' color='#8A2BE2'>大家好, 清除舊的
换新的內容了</font></center>");
        }
    </script>
    Click the button to open a new window called "MsgWindow" with some text.
    <button onclick="myFunc()">Try it</button>
    <script>
        function myFunc() {
             var myWindow = window.open("", "MsgWindow", "width=200,height=100");
             myWindow.document.write("This is 'MsgWindow'. I am 200px wide and 100px
                     tall!");
    </script>
    <h2> Ending line is using HTML </h2>
</body>
</html>
```

```
<!doctype html>
<html>
<head>
    <meta charset="utf-8">
    <title> JavaScript 第一次上課 Unit 3</title>
</head>
<body id="TestPage" bgcolor="yellow" align="center">
    練習 alert() statement
    Click the button to display an alert box.
    <button onclick="myFunction()">Try it</button>
    <button onclick="thisFunction()">Press it</button>
    <button onclick="myHostName()">know the current URL</button>
    <script>
         function myFunction() {
         window.alert("Hello! I am an alert box!");
         function thisFunction() {
              alert("Hello!\n How are you?");
         }
         function myHostName() {
              alert(location.hostname);
    </script>
    <br/>br><br>>
    練習 confirm() statement
    Click the button to display a confirm box.
    <button onclick="thisFunc()">Press it</button>
    <script>
         function thisFunc() {
              var txt;
              var r = confirm("Press a button!");
              if (r == true) {
                   txt = "<font color='blue'>You pressed OK! 確定</font>";
              } else {
                   txt = "<font color='red'>You pressed Cancel! 取消</font>";
              }
```

```
document.getElementById("demo").innerHTML = txt;
         }
    </script>
    <br/>br><br>>
    <input type="button" onclick="CheckBgColor()" value="查詢背景顏色">
    <br/><button onclick="ChangeBgColor()">變更背景顏色</button>
    <script type="text/javascript">
         function CheckBgColor(){
              alert(document.getElementById("TestPage").bgColor);
         }
         function ChangeBgColor(){
              if (document.getElementById("TestPage").bgColor == "yellow"){
                   document.bgColor="#cce6ff";
              } else {
                   document.bgColor="yellow";
              }
    </script>
</body>
</html>
```

動態網頁設計(單元五) JavaScript 的變數與運算

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title> 動態網頁設計 單元(5) </title>
</head>
<body align="center" bgcolor="yellow">
    <h3>JavaScript 第二次上課 Unit 1</h3>
    Click the button get the text content of the button element.
    <button onclick="myFunction()" id="myBtn">Try it Try it/button>
    <strong>Note:</strong> The textContent property is not supported in Internet Explorer 8 and earlier.
    Not Try, Not Try
    Today: <strong id="choice"></strong>
    <script>
         function myFunction() {
             var x = document.getElementById("myBtn").textContent;
             document.getElementById("demo").innerHTML = x;
             document.getElementById("choice").textContent = new Date();
         }
    </script>
    <div id="msg">
         HTML5 從零開始
    </div>
    <script>
         y = document.getElementById('msg').innerHTML;
         document.writeln("<font size='5' color='red'>" + y + "</font>");
         z = document.getElementById('msg').textContent;
         document.writeln("<font size='5' color='green'>" + z + "</font>");
         tt = "hello";
         document.write("<br>" + tt + "<br>");
         var tt = "ha ha hello";
```

```
document.writeln(tt + "<br>");
        const MIN NUM = 1;
        document.write(MIN NUM + 2 + "<br>");
        MAX NUM = 9;
        document.write(MAX NUM-MIN NUM);
    </script>
</body>
</html>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>動態網頁設計單元(5)</title>
    <style>
        div { background-color: lightyellow; margin-top: 10%; width: 50%; margin: auto; padding-left: 15px;}
    </style>
</head>
<body>
    <div>
        <h3 align="center">JavaScript 第二次上課 Unit 2</h3>
        <script>
             // 變數宣告
             var stuName = "凌亞齊";
             var stuNumber, courseNum, tuitionAmount, stuTel;
             // 指定變數值
             stuNumber = "103456002";
             courseNum = 7;
             tuitionAmount = 1200 * courseNum;
             stuTel = 912444678;
             creditNum = 5 * 2 + 2 * 3; // 此變數之前沒宣告
             stuTel = "912444678"; // 變數型態變成 字串
             tuitionAmount = 1200 * creditNum; // 此變數的值 被改變了
        // 在螢幕上 作顯示
        document.write("學生名稱: "+stuName + "<br>");
        document.write("學生學號: "+stuNumber+"<br>");
```

```
document.write("總學分數: " + creditNum + "<br>");
       document.write("需繳學費: NT$" + tuitionAmount + "<br>");
       document.write("聯絡電話: "+stuTel+"<br>>");
       // 檢查變數是否存在
       teacherName = "王大明";
       if (teacherName) // teacherName 等同於 window.teacherName
           document.write("teacherName 存在, 名字是"+ teacherName+"<br/>
">br>");
       else
           document.write("teacherName 不存在, 請先建立 teacherName" + "<br>");
       if (window.courseName)
           document.write("courseName 存在, 名字是"+ window.courseName+"<br/>br>");
       else
           document.write("courseName 不存在, 請先建立 courseName" + "<br>");
       y = Math.round(3.14);
       document.write("<br>>3.14 四捨五入 等於 "+ y + "<br>>");
       // 逸出字元/跳脫字元/escape 字元 練習
       document.write("<table border='1' width='400' height='200' style='border:8px #FFD382
groove; cellpadding='10'>");
       document.write("Escape 特殊字串
       document.write("<font color='red'>顯示的意義/字元</font>");
       document.write("\\b(\後退一格)");
       document.write("\\f(\換頁)");
       document.write("<tr><td>\\n</td><td>(\n)</td></tr>");
       document.write("<tr><td>\r</td><td>(\r)</td>>(\r);
       document.write("<tr><td>\\t<\td><\\tr>");
       document.write("\\'\'JavaScript\'");
       document.write("\\\"\"Hello Hi\"");
       document.write("\\\\\C:\\JavaScript\\");
       document.write("");
    </script>
  </div>
</body>
</html>
```

document.write("修課數目: " + courseNum + "
");

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>動態網頁設計 單元(5)</title>
    <style>
        body { background-color: lightyellow; margin: auto; padding-left: 15px;}
    </style>
</head>
<body>
    <h3 align="center">JavaScript 第二次上課 Unit 3</h3>
    <h2 align="center">算術運算子的使用</h2>
    <hr>>
    <script>
        var x, y;
        var intInc = 10;
        var intDec = 10;
        var strTitle1 = "JavaScript 是"
        var strTitle2 = "一種網頁設計技術"
        document.write("負號運算: -7 = " + -7 + "<br>");
        intInc++;
        document.write("遞增運算: A++="+intInc+"<br>");
        intDec--;
        document.write("遞減運算: A--="+intDec+"<br>");
        document.write("乘法運算: 5 * 6 = " + 5*6 + " < br > ");
        document.write("除法運算: 7/2="+7/2+"<br>");
        document.write("餘數運算: 7 % 2 = " + 7%2 + "<br>");
        document.write("加法運算: 4+3="+(4+3)+"<br>");
        document.write("減法運算: 4 - 3 = " + (4-3) + "<br></hr>");
        // 測試 Pre-/Post- 運算子
        x = 10;
        y = 10;
        document.write("x++=" +x++++":x =" + x + "<br/>br>");
        document.write("--y = " +--y+":y = " + y + " <br > 'n');
        document.write("字串連接: "+(strTitle1+strTitle2)+"<br>");
    </script>
    <h2 align="center">邏輯與比較運算子的使用</h2>
    <hr>>
    <script>
```

```
var blnA = true;
    var blnB = false:
    document.write("NOT 運算: !A 結果為 "+(!blnA)+"<br>");
    document.write("小於: 6<3 結果為 "+(6<3)+"<br>");
    document.write("大於: 6>3 結果為 "+(6>3)+"<br>");
    document.write("小於等於: 6<=3 結果為 "+(6<=3)+"<br/>');
    document.write("大於等於: 6>=3 結果為 "+(6>=3)+"<br>");
    document.write("等於: 6==3 結果為 "+ (6==3)+"<br>");
    document.write("不等於: 6!=3 結果為 "+(6!=3)+"<br>");
    document.write("AND 運算: A & & B 結果為 "+ (blnA & & blnB)+"<br/>br>");
    document.write("OR 運算: A || B 結果為 "+ (blnA || blnB)+"<br/>');
</script>
<h2 align="center">強制轉換, eval() call() 練習</h2>
<hr>>
<script>
    // 變數宣告
    var strName, intBalance, blnSex;
    // 指定變數值
    strName = "王大明";
    intBalance = 1000;
    blnSex = true;
    // 顯示 強制轉換結果 的 資料型態
    output = strName + intBalance; // 字串加數值
    document.write(output + " : " + typeof(output) + " < br > ");
    output = strName + blnSex; // 字串加布林
    document.write(output + " : " + typeof(output) + "<br/>);
    output = blnSex + intBalance; // 布林加數值
    document.write(output + " : " + typeof(output) + "<br/>br>");
    blnSex = false; // 重設布林值
    output = blnSex + intBalance; // 布林加數值
    document.write(output + " : " + typeof(output) + "<br/>);
    // 使用 eval()
    intTotal = eval("20 + 4 * 5 - 8 / 2");
    document.write("evaluate 運算結果: " + intTotal + "<br>");
    iudge = eval("5 > 4");
    document.write("evaluate 運算結果:" + judge + "<br>");
    var person = {
         fullName: function() {
```

```
return this.firstName + " " + this.lastName;
              }
         }
         var person1 = {
              firstName:"Bill",
              lastName: "Gates",
         }
         var person2 = {
              firstName:"Steve",
              lastName: "Jobs",
         }
         getName = person.fullName.call(person1); // 将返回 "Bill Gates"
         document.write("傳回的 全名: " + getName + "<br><br>>");
    </script>
</body>
</html>
```

動態網頁設計(單元六) JavaScript 的 迴圈(流程控制)

```
<!DOCTYPE html>
<html>
<head>
   <meta charset="utf-8">
   <title>動態網頁設計 單元(6)</title>
   <style>
        body { background-color: lightyellow; margin: auto; padding-left: 15px;}
   </style>
</head>
<body>
   <h2 align="center">JavaScript 第三次上課 Unit 1: while 迴圈 練習</h2>
   <h3 align="center">九九乘法表(巢狀迴圈)</h3>
   <hr>>
   <script>
        document.write("");
        // 變數宣告
        var i, j;
        // 表格的標題列
        document.write("九行九列");
        for (i=1;i<=9;i++)
            document.write("<th><b><font color='blue'>" + i + "</font></b></th>");
        document.write("");
        // 巢狀迴圈
        for (i=1;i<=9;i++) {
            document.write("");
            document.write("<b><font color='#d041f4'>" + i + "</font></b>");
            i = 1;
            while (j <= 9) { // 內層迴圈
               document.write("");
               document.write(i + "*" + j + "=" + i*j);
               document.write("");
               j++;
            }
```

```
document.write("");// 表格 這一列結束
         }
        document.write("");
    </script>
    <br>><br>>
    <center>
    <h2>JavaScript 第三次上課 Unit 1: break 迴圈 練習</h2>
    <h2>JavaScript Loops</h2>
    <p>A loop with a <b>break</b> statement for 1 - 15.</p>
    <script>
        var text = "";
         var i;
        for (i = 0; i < 15; i++)
           if (i == 7) { break; }
           text += "The number is " + i + "<br>";
         }
         document.getElementById("demo").innerHTML = text;
    </script>
    </center>
</body>
</html>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>動態網頁設計 單元(6)</title>
    <style>
         body { padding-left: 15px;}
        button {
             background:linear-gradient(to bottom, #77b55a 5%, #72b352 100%);
             background-color:#77b55a;
             border-radius:4px;
             border:1px solid #4b8f29;
             display:inline-block;
             cursor:pointer;
```

```
color:#ffffff;
             font-family: Arial;
             font-size:13px;
             font-weight:bold;
             padding:6px 12px;
             text-decoration:none;
             text-shadow:0px 1px 0px #5b8a3c;
        }
    </style>
</head>
<body bgcolor="lightyellow">
    <!-- break continue 迴圈 練習 -->
    <h2 align="center">JavaScript 第三次上課 Unit 2: break continue 迴圈 練習</h2>
    <h3 align="center">1-100 猜一個數字</h3>
    <center><button onclick="guess()">猜數字 遊戲開始</button></center>
    <script>
        // 變數宣告
        function getRandom(x){
             return Math.floor(Math.random()*x)+1;
        };
        target= getRandom(100); //會回傳 1~100 之間的隨機數字
        var number = 0;
        var times = 0;
        // 無窮迴圈
        function guess(){
             do\ \{
                  number = window.prompt("猜數字遊戲, 請輸入 1~100 之間的 數字", number);
                  // 離開無窮迴圈
                  if (number == null || number == target) {
                      break;
                  // 判斷是太大或太小
                  if (number > target) {
                      alert(number + "太大!");
                      times++;
                      continue;
                  }
                  else {
```

```
alert(number + "太小!");
                 times++;
                 continue;
             } while (true);
             if (number == null)
                 document.write("<br></br></conter><font color='darkgreen' size='6'>不猜了! 答
       案 為: " + target + "</font></center><br>");
             else {
                 document.write("<br></br></conter><font color='red' size='6'>猜對了! 答案為: "
      + target + "</font></center><br>");
                 document.write("<br><center><font color='blue' size='6'>共猜了: "+
      (times+1) + "次</font></center><br>");
             }
    </script>
</body>
</html>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>動態網頁設計 單元(6)</title>
</head>
<br/><body bgcolor="#ffff99">
    <h2 align="center">JavaScript 第三次上課 Unit 3: 產生威力彩號碼的 練習</h2>
    <script>
        //寫一個產生亂數的 function
        function getRandom(x){
             return Math.floor(Math.random()*x)+1;
        };
        //寫一個產生威力彩號碼的 function
        function getPowerNum(){
             //首先我們先宣告一個字串,用來裝要回傳的結果
             var status = '第一區號碼為:';
```

```
//宣告一個變數用來裝隨機產生的數字
           var n = 0;
           //一注威力彩號碼有 6 個所以我們讓迴圈跑六次
           for(i=0;i<=5;i++)
              //用 indexOf 判斷該數字之前有沒有出現過
              n = getRandom(38); //會回傳 1~38 之間的隨機數字
              if(status.indexOf(n)>0){
              //如果有出現過就重跑一次迴圈
              i=1;
              continue;
              else{
              //沒出現過的話就寫進字串裡
              status += n + ' ';
              };
           };
           //因為威力彩有分兩區,第二區為01~08 隨機一數字,所以我們在回傳時加上。
           return status + '第二區號碼為:' + getRandom(8);
        };
       // getPowerNum();
       document.write("<br/>br><center><font color='red' size='6'>"+getPowerNum()+"</font></center>");
   </script>
</body>
</html>
<!DOCTYPE html>
<html>
<head>
   <meta charset="utf-8">
   <title> 動態網頁設計 單元(6) </title>
</head>
<body bgcolor="#ffff99">
   <caption><img src="images/大樂透.png" width="200"><font face="微軟正黑體" size="6"><strong>隨機選
號</strong></font></caption>
       >
           <font face="DFKai-sb" size="6">獎號</font>
```

```
<font face="DFKai-sb" size="6">特別號</font>
      <script>
   //寫一個產生亂數的 function
   function getRandom(x){
      return Math.floor(Math.random()*x)+1;
   };
   //寫一個產生大樂透號碼的 function
   function getLotoNum(){
      //首先我們先宣告一個字串,用來裝要回傳的結果
      var status = '大樂透前六個獎號為:';
      //宣告一個變數用來裝隨機產生的數字
      var n = 0;
      //一注大樂透號碼有 6 個所以我們讓迴圈跑六次
      for(i=0;i<=5;i++)
          //用 indexOf 判斷該數字之前有沒有出現過
          n = getRandom(49); //會回傳 1~49 之間的隨機數字
          if(status.indexOf(n)>0){
          //如果有出現過就重跑一次迴圈
          i=1;
          continue;
          }
          else{
          //沒出現過的話就寫進字串裡
          //因為大樂透號碼有可能小於 10,對於小於 10 的數字, 我們希望秀出 01,02,..09
            if (n < 10)
                n = "0" + n;
            }
           document.write("<font color='#d041f4' size='5'>" +
n + "</font>");
            status += n + ' ';
          };
      };
      return status;
   };
   sixNum = getLotoNum();
   //因為大樂透還有一個特別號,也是從 1~49 隨機抽出一個數字,所以我們還要產生特別號
   do {
```

```
s = getRandom(49);
        if(sixNum.indexOf(s)>0){
          //如果特別號 有出現在 前面的獎號, 則重新產生一個特別號
        continue;
       }
        else {
        break;
       }
   } while (true);
   //因為大樂透特別號有可能小於 10, 所以對於小於 10的 數字, 我們希望秀出 01,02,...09
   // ss.padStart(2, 0)
   ss = s+";
   document.write("<font color='red' size='5'>" + ss.padStart(2,0) +"</font>");
   document.write("");
   </script>
   <font size="4"><a href="http://www.taiwanlottery.com.tw/"
Lotto/Lotto649/history.aspx" target="_blank">大樂透 各期獎號與開獎結果</a>
   </body>
</html>
```

動態網頁設計(單元七) JavaScript 的 函式

(實例:照片置換、亂數洗牌、圖片輪播、時間的取得)

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title> 動態網頁設計 單元(7) </title>
    <!-- using my css -->
    <link rel="stylesheet" type="text/css" href="css/swap.css">
</head>
<body align="center" bgcolor="yellow">
    <h2>JavaScript 第四次上課 Unit 1</h2>
    <!-- 圖片置換的 練習 1 -->
    <h2><font color="#0b5c21">照片 上下置換練習</font></h2>
    <img id="female" src="images/Top01.png"><br><br>>
    <input type="button" value="照片置換" onclick="swap('female', 'male')" class="myBtn">
    <br/>br><br>>
    <!-- 圖片置換的 練習 2 -->
    <h2><font color="#0b5c21">圖片 水平置換練習</font></h2>
    <div id="box">
        <img id="card01" class="picture" src="images/Micky.jpg">
        <img id="card02" class="picture" src="images/Minnie.jpg">
    </div><br>
    <button onclick="swap('card01', 'card02')" class="myBtn">圖片置換</button>
    <br>><br>>
    <script>
         //寫一個 置換的 function
         function swap(x, y){
             var top;
             top=document.getElementById(y).src;
             document.getElementById(y).src = document.getElementById(x).src;
```

```
document.getElementById(x).src=top;
          };
    </script>
</body>
</html>
    swap.css
#box {
    width: 70%; height:400px; border:1px solid blue; margin:0px auto; display: flex;
.picture {
    width:35%; margin:0px auto; height:300px; width:200px; padding: 50px;
}
.myBtn {
    box-shadow: 3px 4px 0px 0px #8a2a21;
    background:linear-gradient(to bottom, #c62d1f 5%, #f24437 100%);
    background-color:#c62d1f;
    border-radius:18px; border:1px solid #d02718;
    cursor:pointer;
    color:#ffffff; font-family:Arial; font-size:22px;
    padding:7px 25px;
    text-shadow:0px 1px 0px #810e05;
}
.myBtn:hover {
    background:linear-gradient(to bottom, #f24437 5%, #c62d1f 100%);
    background-color:#f24437;
}
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title> 動態網頁設計 單元(7) </title>
</head>
<body align="center" bgcolor="yellow">
    <h2>JavaScript 第四次上課 Unit 2</h2>
    <!-- 圖片置換的 練習 1 -->
```

```
<script language="javascript">
         document.write("<h2><font color='purple'> 產生與秀出 8 張 撲克牌</font></h2>");
         //產生與秀出 8 張 撲克牌
         document.write("<img src='poker/card1.jpg'>");
         document.write("<img src='poker/card2.jpg'>");
         document.write("<img src='poker/card3.jpg'>");
         document.write("<img src='poker/card4.jpg'>");
         document.write("<img src='poker/card5.jpg'>");
         document.write("<img src='poker/card6.jpg'>");
         document.write("<img src='poker/card7.jpg'>");
         document.write("<img src='poker/card8.jpg'>");
         document.write("<br>");
         document.write("<h2><font color='blue'>產生與秀出 52 張撲克牌</font></h2>");
         //產生與秀出 52 張 撲克牌
              card = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24,
25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51,
52]; */
         var ccc = new Array(52);
         for (var i = 1; i \le ccc.length; i++) {
              ccc[i-1]="<img src='poker/card" + i + ".jpg'>";
              document.write(ccc[i-1]);
              document.write("<img src='poker/card" + i + ".jpg'>");
              document.write("<br>");
         }
         document.write("<h2><font color='green'>用亂數洗 52 張撲克牌</font></h2>");
         //用亂數洗 52 張撲克牌
              var tmp = "";
              var t = 0;
              for (var i = 0; i < cc.length; i++) {
                   t = Math.floor((Math.random() * 51) + 1);
                   tmp = ccc[i];
                   ccc[i] = ccc[t];
                   document.write(ccc[i]);
                   ccc[t] = tmp;
         document.write("<h2><font color='red'>隨機 將 52 張撲克牌 發給 四位玩家</font></h2>");
```

<h2>隨機 將 52 張 撲克牌 發給 四個 玩家</h2>

```
//將 52 張撲克牌 發給 四位玩家
            var player01 = "", player02 = "", player03 = "", player04 = "";
            for (var i = 0; i < ccc.length; i++) {
                 switch (i % 4) {
                     case 0:
                          player01 += ccc[i];
                          break;
                     case 1:
                          player02 += ccc[i];
                          break;
                     case 2:
                          player03 += ccc[i];
                          break;
                     case 3:
                          player04 += ccc[i];
                          break;
                 }
             }
        document.write("<h2 class='font03'> 玩家 1: "+ player01 + "<br>>玩家 2: "+ player02 +
                " + player03 + "<br>>玩家 4: " + player04+"</h2>");
"<br><5:3:
    </script>
</body>
</html>
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title> 動態網頁設計 單元(7) </title>
</head>
<body align="center" bgcolor="yellow">
    <h2>JavaScript 第四次上課 Unit 3</h2>
    <h2><font color="#0b5c21">熟悉 時間的取得</font></h2>
    Click the button to display the time as a string.
    <button onclick="myFunction()">Get 時間資訊</button>
    <br>
    <br>
    <br>
```

```
  < br>
    <br>
    <br>
    <br>
    <br>
    <br>
    <script>
         function myFunction() {
             var d = new Date();
             var t = d.toLocaleTimeString();
             var tt = d.toLocaleDateString();
             document.getElementById("demoA").innerHTML = d;
             document.getElementById("demoB").innerHTML = t;
             document.getElementById("demoC").innerHTML = tt;
             var n = d.getDate();
             var y = d.getFullYear();
             var m = d.getMonth();
             var day = d.getDay()
             var h = d.getHours();
             var minu = d.getMinutes();
             document.getElementById("demoD").innerHTML = n;
             document.getElementById("demoE").innerHTML = y;
             document.getElementById("demoF").innerHTML = m;
             document.getElementById("demoG").innerHTML = day;
             document.getElementById("demoH").innerHTML = h;
             document.getElementById("demoI").innerHTML = minu;
         }
   </script>
</body>
</html>
```

HK(1) photo.html

```
<!DOCTYPE html>
<html lang="en">
<head>
     <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>A107280XX HK(1)</title>
    <!-- Bootstrap 5 CSS -->
    link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
    <!-- my CSS -->
    <link rel="stylesheet" type="text/css" href="css/mycss.css">
    <!-- my JavaScript code -->
    <script type="text/javascript" src="js/photoplay.js"></script>
</head>
<body>
    <header class="col text-center font-weight-bold">主大明 HK01</header>
    <nav class="navbar bg-success justify-content-start sticky-top">
         <a href="index.html"><button type="button" class="btn btn-success">Home</button></a>
         <a href="photo.html"><button type="button" class="btn btn-success">照片輪播
</button></a>
         <a href="music.html"><button type="button" class="btn btn-success">聽音樂</button></a>
         <a href="video.html"><button type="button" class="btn btn-success">看影片</button></a>
    </nav>
    <main class="container-fluid bg-warning">
         <div class="row justify-content-center">
              <div class="col-12 col-sm-6">
                  <h3 class="text-center mt-4">隨機輪播的照片</h3>
                  <div id="ran div" onload="randomImg()"></div>
              </div>
              <div class="col-12 col-sm-6">
                  <h3 class="text-center mt-4">依序輪播的照片</h3>
                  <div id="seq div" onload="sequentialImg()"></div>
              </div>
        </div>
    </main>
    <footer class="row bg-primary py-5">
         <div class="row mx-0 justify-content-center align-items-center w-100">
```

```
<div class="text-center text-light bg-dark w-50">
                    <div>
                         <strong>聯絡資訊</strong>
                    </div>
                    <div>
                         <strong>電話:(02)25381111</strong><br>
                         <strong>地址:台北市大直街 70 號(L 棟 4 樓)</strong>
                    </div>
              </div>
         </div>
    </footer>
</body>
</html>
mycss.css
header { height: 80px;
         color: #ffffff; background-image:linear-gradient(0deg, #3381b0, #c2196c);
         font-size: large; line-height: 80px;
main {
         min-height: 60vh;
.caption-container {
   text-align: center; font-size: 24px;
   padding: 2px;
   color: white; background-color: #9933cc;
}
ul {
  list-style-type: none;
  margin-top: 30px; padding: 0;
  width: 200px;
  background-color: #f1f1f1;
  border: 1px solid #555;
}
li {
  text-align: center; border-bottom: 1px solid #555;
li:last-child {
  border-bottom: none;
```

```
}
li a {
  display: block;
  color: #000;
  padding: 8px 16px;
  text-decoration: none;
li a.active {
  background-color: #4CAF50;
  color: white;
}
li a:hover{
  background-color: #4CAF50; color: white;
}
photo.js
//循序播放陣列中指定的圖檔
var seqImg = new Array(52);
var seqImg length = seqImg.length;
// 若不想在 function 中每次都要算陣列的大小, 陣列中的圖檔數量, 可用另一個變數存,
for (var i = 1; i \le \text{seqImg length}; i++) {
     seqImg[i-1]="poker/card" + i + ".jpg";
//設定每 1.5 秒執行一次 sequentialImg() ,此行要在 function 之外
setInterval("sequentialImg()", 1500);
var i=0;
             // 設定起始照片 i=3 的照片 是從第四張照片 開始
function sequentialImg(){ //循序播放
    document.getElementById("seq_div").innerHTML = "<img src=""+seqImg[i]+" class='mt-4 mb-4
d-block mx-auto'>";
    i++;
    if(i \ge seqImg length) {
        i=0;
    }
//隨機播放陣列中指定的圖檔
var ranImg = new Array(52);
for (var j = 1; j \le ranImg.length; <math>j++) {
```

```
ranImg[j-1]="poker/card" + j + ".jpg";
}

//設定每 1.5 秒執行一次 randomImg() ,此行要在 function 之外
setInterval("randomImg()", 1500);

//隨機播放 => 陣列的長度 * 介於 0~1 間數字 ,然後在取 floor 當照片索引值
function randomImg(){
    var imgIndex = Math.floor(Math.random()*ranImg.length);
    document.getElementById("ran_div").innerHTML = "<img src=""+ranImg[imgIndex]+""
class='mt-4 mb-4 d-block mx-auto' style='width:130px'>";
}
```

動態網頁設計(單元八) JavaScript 的 函式 (實例:音樂播放、播放時間的計算)

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title> 動態網頁設計 單元(8) </title>
    <style type="text/css">
        .btn01 {border:0; border-radius:10px;
             background-color:green; color:#fff;
             font-family:標楷體; font-size:1.5em;
             padding:15px; margin:10px;
         }
         .btn01:hover {color:#003C9D; background-color:#fff; border:2px #003C9D solid;}
    </style>
</head>
<body align="center" bgcolor="yellow">
    <h2>JavaScript 第五次上課 Unit 1</h2>
    <h2><font color="#0b5c21">音樂播放 練習</font></h2>
    <audio id="music player" src="musics/Music1.mp3"></audio>
```

```
<div>
        <!-- 點擊時 執行 play() -->
        <button class="btn01" type="button" onclick="play();">播放音樂</button>
        <!-- 點擊時 執行 pause() -->
        <button class="btn01" type="button" onclick="pause();">暫停播放</button>
        <!-- 點擊時 執行 restart() -->
        <button class="btn01" type="button" onclick="stop();">停止播放</button>
        <!--- 音量大小調整 -->
        <font size="6" face="標楷體"> 音量調整:</font><input id="volume" type="range"</pre>
min="0" max="10" value="5">
    </div>
    <div>
        <font size="5">該首歌曲時間長度:</font><span id="dur time"></span><span><font
size="5">   目前已播放的時間長度:</font>
        </span><span id="cur time"></span>
    </div>
    <script>
        var player = document.getElementById("music player");
        var cur = document.getElementById("music player").currentTime;
        function play() {
            player.play();
            // 該首歌曲時間長度
            var dur = document.getElementById("music player").duration;
            document.getElementById("dur time").innerHTML = '<font size="5" color="blue">'+dur.toFixed(0)+' 秒
</font>':
            // 顯示已播放的時間長度
            setInterval("calTime()", 1000);
        function pause() {
            player.pause();
        }
        function stop() {
             document.getElementById("music player").currentTime = 0;
            player.pause();
        }
        function calTime(){
            cur = document.getElementById("music player").currentTime;
```

```
document.getElementById("cur time").innerHTML = '<font size="5" color="red">'+cur.toFixed(0)+' 秒
</font>';
         }
         // 調整音量
         var volume = document.getElementById("volume");
         volume.addEventListener("change", function() {
             player.volume = parseFloat(this.value / 10);
         }, false);
    </script>
</body>
</html>
HK(1) music.html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>A107280XX HK(1)</title>
    <!-- Bootstrap 5 CSS -->
    link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
    <!-- my CSS -->
    <link rel="stylesheet" type="text/css" href="css/mycss.css">
</head>
<body>
    <header class="col text-center font-weight-bold">王大明 HK01</header>
    <nav class="navbar bg-success justify-content-center sticky-top">
         <a href="index.html"><button type="button" class="btn btn-success">Home</button></a>
         <a href="photo.html"><button type="button" class="btn btn-success">照片輪播</button></a>
         <a href="music.html"><button type="button" class="btn btn-success">聽音樂</button></a>
         <a href="video.html"><button type="button" class="btn btn-success">看影片</button></a>
    </nav>
    <main class="container-fluid bg-warning" style="font-family: 標楷體">
         <div class="row">
              <div class="col">
                  <center><marquee id="info">歡迎與我一起聽歌~!!</marquee></center>
              </div>
         </div>
```

```
<div class="row justify-content-center" style="padding-top:5%">
             <div class="mx-auto">
                 <h3 class="text-center mt-4">音樂賞析</h3>
                 <audio id="music play1" src="musics/Music1.mp3"></audio>
                 <audio id="music play2" src="musics/Music2.mp3"></audio>
                 <audio id="music play3" src="musics/Music3.mp3"></audio>
                 <audio id="music play4" src="musics/Music4.mp3"></audio>
                 <audio id="music play5" src="musics/Music5.mp3"></audio>
                 <audio id="music play6" src="musics/Music6.mp3"></audio>
                 <center style="padding-top:10%; font-family: 標楷體">
                      <!-- 點擊時 執行 play() -->
                      <button class="btn btn-success" type="button" onclick="start();">播放音樂
&#9654</button>
                      <!-- 點擊時 執行 pause() -->
                      <button class="btn btn-info" type="button" onclick="pause();">暫停播放
&#9208</button>
                      <!-- 點擊時 執行 next() -->
                      <button class="btn btn-success" type="button" onclick="next();">播放下一首
</button>
                      <!-- 點擊時 執行 previous() -->
                      <button class="btn btn-success" type="button" onclick="previous();">播放前
一首</button>
                      <!--- 音量大小調整 -->
                      <button class="btn btn-info" type="button" onclick="upVolume();">聲音放大
&#8593</button>
                      <button class="btn btn-info" type="button" onclick="downVolume();">聲音降
低 &#8595</button>
                      <font size="5">該首音樂 時間全長:</font><span id="dur_time"></span><br>
                          <span><font size="5">&nbsp;&nbsp;&nbsp;目前已播放時間:</font></span><span
id="cur time"></span>
                      </center>
             </div>
       </div>
    </main>
    <footer class="row bg-primary py-5">
         <div class="row mx-0 justify-content-center align-items-center w-100">
             <div class="text-center text-light bg-dark w-50">
```

musicplay.js

```
// 歌曲變數 宣告
play1=document.getElementById("music play1");
play2=document.getElementById("music play2");
play3=document.getElementById("music play3");
play4=document.getElementById("music play4");
play5=document.getElementById("music play5");
play6=document.getElementById("music play6");
musicList = [play1, play2, play3, play4, play5, play6];
musicListName = ["第一首音樂", "第二首音樂", "第三首音樂", "第四首音樂", "第五首音樂", "第六
首音樂"];
var index =0;
// 點擊播放
function start() {
    var player = musicList[index];
    var song = musicListName[index];
    // 該首歌曲時間長度
    var dur = player.duration;
    var s1 = parseInt(dur \% 60);
    var m1 = parseInt((dur/60) \% 60);
```

```
document.getElementById("dur time").innerHTML = "<font color='blue' size='5'>" + m1 + "分"
+ s1 + "秒"+"</font>";
    // 顯示已播放的時間長度
    setInterval("calTime()", 1000);
    // 跑馬燈 顯示 正播放的 歌曲 名稱
    info.innerHTML = "現在正在播放" + song;
    player.play();
  }
  // 點擊暫停
  function pause() {
       var player = musicList[index];
       player.pause();
       info.innerHTML="現在暫停播放"
  }
  // 點擊播放下一首/前一首
  function next() {
       var player = musicList[index];
       player.pause();
       index += 1;
       if(index >= musicList.length) {
           index=0;
       var player = musicList[index];
       start();
   }
  function previous() {
       var player = musicList[index];
       player.pause();
       index -= 1;
       if(index < 0) {
           index= musicList.length - 1;
       var player = musicList[index];
       start();
   }
```

```
// 調整音量大小
function upVolume() {
    var player = musicList[index];
    var volume = player.volume + 0.1;
    if(volume >= 1)
              volume = 1;
    }
    player.volume = volume;
    start();
function downVolume() {
    var player = musicList[index];
    var volume = player.volume - 0.1;
    if(volume \le 0)
         volume = 0;
    player.volume = volume;
    start();
}
function calTime(){
    var player = musicList[index];
    var cur = player.currentTime;
    var s2 = parseInt(cur \% 60);
    var m2 = parseInt((cur / 60) \% 60);
    document.getElementById("cur time").innerHTML = "<font color='red' size='5'>" + m2 + "分
"+s2+"秒"+"</font>";
}
```

動態網頁設計(單元九) JavaScript 的 函式 (實例:影片播放、電影清單)

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title> 動態網頁設計 單元(8) </title>
    <style type="text/css">
           .btn01 {
              box-shadow:inset 0px 39px 0px -24px #e67a73;
              background-color:#e4685d;
              border-radius:4px; border:1px solid #ffffff;
              display:inline-block;
              cursor:pointer;
              color:#ffffff; font-family:Arial; font-size:15px;
              padding:6px 15px;
              text-decoration:none;
              text-shadow:0px 1px 0px #b23e35;
         }
         .btn01:hover {
              background-color:#eb675e;
         }
         .btn01:active {
              position:relative;
              top:1px;
         }
         #menubar {
              top: 5%; width:60%;
              margin:auto;
    </style>
</head>
<body align="center" bgcolor="yellow">
```

```
<h2>JavaScript 第六次上課 Unit 1</h2>
    <h2><font color="#0b5c21">影片播放 練習</font></h2>
    <video id="myVideo" width="900px">
            <source src="Videos/video1.mp4" type="video/mp4">
    </video>
    <div id="menubar">
        <button class="btn01" onclick="document.getElementById('myVideo').play()">播放
</button>
        <button class="btn01" onclick="document.getElementById('myVideo').pause()">暂停
</button>
        <button class="btn01" onclick="lowerVolume()">降低音量</button>
        <button class="btn01" onclick="upVolume()">提高音量
        <input type="button" class="btn01" onclick="makeBig()" value="放大">
        <input type="button" class="btn01" onclick="makeSmall()" value="縮小">
        <input type="button" class="btn01" onclick="makeNormal()" value="正常">
        <br/><span id="duration"></span>
    </div>
    <script>
        var myVideo = document.getElementById("myVideo");
        function makeBig() {
             myVideo.width = myVideo.width * 1.2;
             myVideo.height = myVideo.height * 1.2;
        }
        function makeSmall() {
             myVideo.width= myVideo.width * 0.8;
             myVideo.height = myVideo.height * 0.8;
        function makeNormal() {
             myVideo.width= 900;
             myVideo.height = 750;
        }
        function lowerVolume() {
             myVideo.volume = myVideo.volume - 0.1;
         }
        function upVolume() {
             myVideo.volume = myVideo.volume + 0.1;
```

```
}
         // 顯示播放時間
         myVideo.addEventListener("timeupdate", function() {
             var duration = document.getElementById("duration");
             var s1 = parseInt(myVideo.currentTime % 60);
             var m1 = parseInt((myVideo.currentTime / 60) % 60);
             var s2 = parseInt(myVideo.duration % 60);
             var m2 = parseInt((myVideo.duration / 60) \% 60);
             duration.innerHTML = "<font color='blue' size='4'> 已播放時間 "+m1 + "分:" + s1 + "
秒 /"+"影片時間全長 "+m2+"分:"+s2+"秒"+"</font>";
         }, false);
    </script>
</body>
</html>
HK(1) video.html (方法一)
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>A107280XX HK(1)</title>
    <!-- Bootstrap 5 CSS -->
    link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
    <!-- my CSS -->
    <link rel="stylesheet" type="text/css" href="css/mycss.css">
</head>
<body>
    <header class="col text-center font-weight-bold">王大明 HK01</header>
    <nav class="navbar bg-success justify-content-end sticky-top">
         <a href="index.html"><button type="button" class="btn btn-success">Home</button></a>
         <a href="photo.html"><button type="button" class="btn btn-success">照片輪播</button></a>
         <a href="music.html"><button type="button" class="btn btn-success">聽音樂</button></a>
         <a href="video.html"><button type="button" class="btn btn-success">看影片</button></a>
    </nav>
```

```
<main class="container-fluid bg-warning">
  <div class="row">
       <div class="col-12 col-sm-2">
             <ul>
                <div class="caption-container">影片分類</div>
                <a class="active" href="#">院線片</a>
                <a href="#">喜劇片</a>
                <a href="#">愛情片</a>
                <a href="video-action.html">動作片</a>
                <a href="#">推理片</a>
                <a href="#">卡通片</a>
                <a href="video-classic.html">經典片</a>
             </div>
         <div class="col-12 col-sm-10">
             <div style="justify-content: center; display: flex; flex-flow:row wrap">
                  <div style="width:160px" class="m-2">
                       <a href="videos/video51.mp4"><img src="photos/movie51.png"></a>
                  </div>
                  <div style="width:160px" class="m-2">
                       <a href="#"><img src="photos/movie52.png"></a>
                  </div>
                  <div style="width:160px" class="m-2">
                       <a href="#"><img src="photos/movie53.png" width="160px" height="240px"></a>
                  </div>
                  <div style="width:160px" class="m-2">
                       <a href="#"><img src="photos/movie54.png"></a>
                  </div>
                  <div style="width:160px" class="m-2">
                       <a href="#"><img src="photos/movie55.png"></a>
                  </div>
                  <div style="width:160px" class="m-2">
                       <a href="#"><img src="photos/movie56.png"></a>
                  </div>
                  <div style="width:160px" class="m-2">
                       <a href="#"><img src="photos/movie57.png"></a>
                  </div>
                  <div style="width:160px" class="m-2">
```

```
<a href="#"><img src="photos/movie58.png"></a>
                         </div>
                         <div style="width:160px" class="m-2">
                              <a href="#"><img src="photos/movie59.png"></a>
                         </div>
                         <div style="width:160px" class="m-2">
                              <a href="#"><img src="photos/movie60.png"></a>
                         </div>
                         <div style="width:160px" class="m-2">
                              <a href="videos/video1.mp4"><img src="photos/movie61.png" width="160px" height="240px"></a>
                         </div>
                         <div style="width:160px" class="m-2">
                             <a href="#"><img src="photos/movie62.png"></a>
                         </div>
                   </div>
              </div>
         </div>
    </main>
    <footer class="row bg-primary py-5">
         <div class="row mx-0 justify-content-center align-items-center w-100">
              <div class="text-center text-light bg-dark w-50">
                   <div>
                         <strong>聯絡資訊</strong>
                   </div>
                   <div>
                         <strong>電話:(02)25381111</strong><br>
                         <strong>地址:台北市大直街 70 號(L 棟 4 樓)</strong>
                   </div>
              </div>
         </div>
    </footer>
</body>
</html>
```

HK(1) video.html (方法二) (其他部分跟 方法一相同)

```
<center><h4><font color="red">金馬獎最佳電影 少年的你</font></h4></center>
             <video width="100%" controls>
                 <source src="videos/video1.mp4" type="video/mp4">
            </video>
        </div>
        <div style="width:350px" class="m-2">
             <center><h4><font color="red">魷魚遊戲</font></h4></center>
             <video width="100%" controls>
                 <source src="videos/video2.mp4" type="video/mp4">
             </video>
        </div>
        <div style="width:350px" class="m-2">
             <center><h4><font color="red">全球熱映暮光之城</font></h4></center>
            <video width="100%" controls>
                 <source src="videos/video3.mp4" type="video/mp4">
            </video>
         </div>
         <div style="width:350px" class="m-2">
            <center><h4><font color="red">千千闕歌</font></h4></center>
             <video width="100%" controls>
                 <source src="videos/video4.mp4" type="video/mp4">
             </video>
          </div>
          <div style="width:350px" class="m-2">
              <center><h4><font color="red">韓國 Betbet 演唱會</font></h4></center>
              <video width="100%" controls>
                     <source src="videos/video5.mp4" type="video/mp4">
              </video>
          </div>
          <div style="width:350px" class="m-2">
               <center><h4><font color="red">戴資穎奧運對決</font></h4></center>
               <video width="100%" controls>
                     <source src="videos/video6.mp4" type="video/mp4">
               </video>
           </div>
     </div>
</div>
```

動態網頁設計(單元十)

JavaScript與 Client端 (用戶端)的互動

(實例:溫度轉換、飲料選擇、BMI/BFP計算)

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>動態網頁設計 單元(十)</title>
     <!--JavaScript 第七次上課 Unit 1 -->
<style>
     input {
           width:60px; height:20px; border-radius:5px;
     select {
           width:240px; height:30px; font-size: 16px;
           color:blueviolet; border-radius:5px;
</style>
</head>
<body bgcolor="lightyellow" align="center">
   <!-- JavaScript 前端處裡 練習 -->
   <h2>JavaScript 第七次上課: JavaScript 與 用戶端 的互動 </h2>
   <h2>JavaScript oninput event</h2>
   <h3>攝氏溫度 轉換成 華氏溫度 </h3>
   <label>請輸入攝氏溫度</label>
   <input type="number" oninput="converter(this.value)">
   等於 華氏: <span id="output"></span>
     <script>
         function converter(degree){
              document.getElementById("output").innerHTML = ((9/5)*degree)+32;
     </script>
     <h2>JavaScript onchange event</h2>
```

```
<h3>早餐 飲料 的 選擇 </h3>
     <select id="drink" onchange="selected()">
          <option value="Coffee">咖啡</option>
          <option value="Juice">果汁</option>
          <option value="Black Tea">紅茶</option>
          <option value="Green Tea">綠茶</option>
          <option value="Water">溫水</option>
     </select>
     <h3 id="show"></h3>
     <script>
         function selected(){
             var x = document.getElementById("drink").value;
             document.getElementById("show").innerHTML="你選擇的是:"+x;
         }
     </script>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
     <meta charset="utf-8">
     <title> 動態網頁設計 單元(十) </title>
     <!--JavaScript 第七次上課 Unit 2 -->
</head>
<body align="center">
     <h2>JavaScript 第七次上課: BMI(Body Mass Index) </h2>
     <h1>了解自己的 BMI(身體質量指數)</h1>
     <hr color="pink" width="30%"><br><<br/>br>
     <form action="javascript:computingBMI();">
          姓: <input type="text" name="fname"><br><br>
          名: <input type="text" name="gname"><br><br>
          性别:
              <input type="radio" name="gender" value="male" checked>Male
              <input type="radio" name="gender" value="female">Female
              <br/>br><br/>>
               身高: <input type="number" id="height"><br><br>
```

```
體重: <input type="number" id="weight"><br><br>>
              <input type="submit" value="提交計算">
              <input type="reset" value="重新輸入">
          </form>
     <script>
          function computingBMI() {
              var\ h = document.getElementById("height").value;
              var w = document.getElementById("weight").value;
              var bmi = w/((h*0.01)*(h*0.01));
              if(bmi < 18.5){
               alert("您的 BMI 值是 "+bmi.toFixed(2)+"\n\n 你的體重太輕,要多吃點喲!");
              else if(bmi < 24){
               alert("您的 BMI 值是 "+bmi.toFixed(2)+"\n\n 您的體重正常,要繼續保持喲!");
              else if(bmi < 27){
               alert("您的 BMI 值是 "+bmi.toFixed(2)+"\n\n 您的體重過重,要瘦身了!");
              }
              else {
               alert("您的 BMI 值是 "+bmi.toFixed(2)+"\n\n 您的體重極度過重,請立即瘦身了!");
          }
     </script>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
     <meta charset="utf-8">
     <title> 動態網頁設計 單元(十) </title>
     <!--JavaScript 第七次上課 Unit 3 -->
     <!-- my bmi.css -->
     k rel="stylesheet" type="text/css" href="css/bmi.css">
     <!-- my bmi.js -->
     <script src="js/bmi.js"></script>
</head>
<body align="center" class="font01">
```

```
<h2>JavaScript 第七次上課: BMI(Body Mass Index) </h2>
    <h1>
                          了解自己的 身體質量指數
                                                             </h1>
    <font size="6px">姓:</font>
    <input type="text" name="last name" size="15"><br><br>
    <font size="6px">名:</font>
    <input type="text" name="given name" size="15"><br><br>
    <div>
         <font size="6px">性別:</font>
         <label for="male" class="radio">
             <input type="radio" name="gender" id="male" class="radio input" value="male">
             <div class="myRadio"></div>Male
         </label>
         <label for="female" class="radio">
             <input type="radio" name="gender" id="female" class="radio input" value="female">
             <div class="myRadio"></div>Female
         </label>
    </div>
    請輸入身高(公分):<input type="number" id="height">公分
    請輸入體重(公斤):<input type="number" id="weight">公斤
    >
         <button onclick="bmi()"><img src="images/btn01.png" height="50px"></img></button>
         <button onclick="clearInfo()"><img src="images/btn03.png" height="50px"></img></button>
    <div>
      <hr color="hsl(133, 81%, 22%)" width="60%" height="5px">
      </div>
</body>
</html>
```

bmi.css

h1 {font-weight:bold; color:blueviolet; text-decoration:underline; font-size: 40px;}

```
input {
         height:26px;
         font-size: 20px;
          border-radius:5px; border:1px solid limegreen;
}
input[type='number']{
     width: 80px;
}
.radio {
     display: inline-flex;
     align-items:center;
     cursor: pointer;
     margin-right: 10px; line-height:36px;
}
.radio_input {
     display: none;
}
.myRadio {
     width: 1.25em; height: 1.25em;
     border: 2px solid blueviolet; border-radius: 50%;
     margin: 10px 5px; padding: 2px;
     box-sizing:border-box;
}
.myRadio::after {
     content: "";
     width:100%; height:100%;
     display:block; background-color: blueviolet;
     border-radius: 50%;
     transform: scale(0);
.radio input:checked + .myRadio::after {
     transform: scale(1);
}
.font01 {font-size:x-large; font-weight:bold; color:mediumvioletred;}
.font02 {font-size: large; font-weight:bold;}
bmi.js
function bmi(){
     var Hei= document.getElementById("height");
```

```
var h=parseFloat(Hei.value);
    var w=parseFloat(document.getElementById("weight").value);
    var bmi= w/((h/100)*(h/100));
    var bmi=Math.round(bmi*100);
    var bmi=bmi/100
    BMI.innerHTML = "計算出來的 BMI 值為 "+ bmi;
    bmiLevel = [0, 16, 18, 21, 24, 27, 30];
    meaning = ["太瘦了", "有點瘦", "正常範圍", "體重略重", "輕微胖了", "真的胖了", "過於肥胖"];
    colors = ["#4775d1", "#e6b800", "green", "pink", "orange", "red", "darkred"];
    for (var i = bmiLevel.length - 1; i \ge 0; i--) {
      if (bmi \ge bmiLevel[i]) 
       break;
      }
    };
    comments.innerHTML = "<font color="+colors[i]+">您的 BMI 評估結果為 "+ meaning[i]+"</font>";
    // 勾選的性別
    var obj=document.getElementsByName("gender");
    var selected=[];
    for (var j=0; j<obj.length; j++) {
        if (obj[j].checked) {
            selected.push(obj[j].value);
         }
    }
    // var sex = obj[j].value;
    var sex = selected.join();
    // 依 [勾選的性別] 秀出相對應的 圖
    if (sex == "male") {
      graphs.innerHTML = "<img src=images/m00" + [i]+".png>";
    }
    else {
      graphs.innerHTML = "<img src=images/f00" + [i]+".png>";
    }
function clearInfo(){
```

};

```
BMI.innerHTML = ""; comments.innerHTML = ""; graphs.innerHTML = "";
 }
<!DOCTYPE html>
<html lang="en">
<head>
     <meta charset="utf-8">
     <title> 動態網頁設計 單元(十) </title>
     <!--JavaScript 第七次上課 Unit 5 -->
     <!-- using bfp.css -->
     k rel="stylesheet" type="text/css" href="css/bfp.css">
     <!-- using my bfp.js -->
     <script src="js/bfp.js"></script>
</head>
<body align="center">
   <h2>JavaScript 第七次上課: BFT(Body Fat Percentage:BFP) </h2>
    <form action="javascript:bfp()">
        <fieldset>
             <legend>了解自己的 身體 體脂率</legend>
             <label><font size="6px">姓:</font></label>
             <input type="text" name="lastName" size="15"><br>><br>>
             <label><font size="6px">名:</font> </label>
             <input type="text" name="givenName" size="15"><br><br>
             <label><font size="6px">性別:</font></label>
             <label for="male" class="radio">
                 <input type="radio" name="gender" id="male" class="radio input" value="male" checked>
                 <div class="myRadio"></div>Male
             </label>
             <label for="female" class="radio">
                 <input type="radio" name="gender" id="female" class="radio input" value="female">
                 <div class="myRadio"></div>Female
             </label>
             <br/>br><br/>>
             <label>請輸入身高(公分):</label>
             <input type="number" id="height"><br><br>
```

```
<label>請輸入體重(公斤):</label>
            <input type="number" id="weight" required><br><br>
            <label>請輸入腰圍(公分)<font color="red">(不是英吋喔)</font>:</label>
            <input type="text" id="waist" size="6" required>公分<br><br></r>
            <label>請輸入電子郵件:</label>
            <input type="email" name="useremail">
            <br>><br>>
            <label>請輸入手機號碼:</label>
            <input type="tel" name="cellPhone" pattern="[0-9]{4}-[0-9]{6}" size=12 placeholder="0933-123456">
        </fieldset>
        <br>><br>>
        <input type="submit" name="userBFP" value="計算體脂率" class="myButton">
        <input type="button" name="clearBFP" value="清除計算結果" class="myButton" onclick="clearInfo()">
        <input type="reset" value="重新輸入" class="myButton">
    </form>
    </body>
</html>
 bfp.css
h1, legend {font-weight:bold; color:blueviolet; font-size: 30px;}
input {
       height:26px; font-size: 20px; border-radius:5px;
        border:1px solid limegreen;
}
input[type='number']{
    width: 80px;
.radio {
    display: inline-flex;
    align-items:center;
    cursor: pointer;
```

```
margin-right: 10px;
    line-height:36px;
}
.radio_input {
    display: none;
.myRadio {
    width: 1.25em;
    height: 1.25em;
    border: 2px solid blueviolet;
    border-radius: 50%;
    margin: 10px 5px;
    box-sizing:border-box;
    padding: 2px;
.myRadio::after {
    content: "";
     width:100%; height:100%;
     display:block;
    background-color: blueviolet;
    border-radius: 50%;
    transform: scale(0);
}
.radio input:checked + .myRadio::after {
    transform: scale(1);
.myButton {
     display:inline-block;
    border-radius:5px; border:1px solid #337bc4;
    background-color:#79bbff; color:#ffffff;
     box-shadow: 3px 4px 0px 0px #1564ad;
     cursor:pointer;
     font-family:Arial; font-size:25px; font-weight:bold;
    padding:12px 44px; text-decoration:none;
     text-shadow:0px 1px 0px #528ecc; margin:5px;
    height: 60px;
}
.myButton:hover {
   background:linear-gradient(to bottom, #378de5 5%, #79bbff 100%);
```

```
background-color:#378de5;
}
.font01 {font-size: 20px; font-weight:bold; color:pink;}
.font02 {font-size: 15px; font-weight:bold; color:green;}
.font03 {font-size: 20px; font-weight:bold;}
 bfp.js
function bfp(){
    // 輸入的身高 體重 腰圍
    var Hei= document.getElementById("height");
    var h=Hei.value;
    var w= document.getElementById("weight").value;
    var waistline = document.getElementById("waist");
    var wa=parseFloat(waistline.value);
    // 勾選的性別
    var obj=document.getElementsByName("gender");
    var selected=[];
    for (var j=0; j<obj.length; j++) {
         if (obj[j].checked) {
         selected.push(obj[j].value);
         }
    }
    var sex = selected.join();
    maleBfpLevel = [0, 8, 12, 18, 23, 28];
    femaleBfpLevel = [0, 12, 17, 22, 27, 32];
    meaning = ["過瘦了", "有清晰的腹肌", "基本上有健身", "有一點肚子", "別人覺得你胖", "真的肥胖"];
    colors = ["#80b3ff", "lightgreen", "green", "#ff9966", "#ff4da6", "#ff1a1a"];
    // 依 [勾選的性別] 計算相對應的 公式
    if (sex == "male") {
         m1=(wa*0.74)-(w*0.028);
         m2 = (m1-44.74)/w;
         maleBfp = m2 *100;
         bfp = maleBfp.toFixed(2);
         for (var i = maleBfpLevel.length - 1; i \ge 0; i--) {
                if (bfp >= maleBfpLevel[i]) {
                break;
             }
```

}

```
}
    else {
         f1 = (wa*0.74) - (w*0.028);
         f2 = (f1-34.89)/w;
         femaleBfp = f2*100;
         bfp = femaleBfp.toFixed(2);
         for (var i = femaleBfpLevel.length - 1; i \ge 0; i--) {
             if (bfp >= femaleBfpLevel[i]){
                 break;
             }
         }
    }
    BFP.innerHTML = "<font color="+colors[i]+">計算出來的 BFP 值為 "+ bfp+"%</font>";
    comments.innerHTML = "<font color="+colors[i]+">您的體脂率(Body Fat Percentage) 評估結果
為 "+ meaning[i]+"</font>";
};
function clearInfo(){
    BFP.innerHTML = ""; comments.innerHTML = "";
}
```

動態網頁設計(單元十一) JavaScript與 Client端 (用戶端)的互動 (實例:記憶配對遊戲)

flipCard.css

```
#memory_board {
    background:#ccc;
    border: #999 1px solid;
    width:800px;
    height:540px;
    padding:24px;
    margin:auto;
    display: flex;
    flex-flow: row wrap;
 }
 #memory board > div {
    background: url(../images/tile.png);
    border:#000 1px solid;
    width:71px;
    height:71px;
    margin:10px;
    padding:20px;
    font-size:64px;
    cursor:pointer;
    text-align:center;
 }
#info {
    background:yellow;
    border:#999 1px solid;
    width:400px;
    height:120px;
    font-size:22px;
    padding:5px;
    margin:0px auto;
 }
```

```
.btn {
     display:inline-block;
     border:0; border-radius:10px;
     font-family:標楷體; font-size:1.5em;
     background-color:#70db70; color:#664d00;
     padding:15px;
     margin:5px;
     cursor:pointer;
 } /* default 是 cursor:auto */
#info {
   background:yellow;
   border:#999 1px solid;
   width:450px;
   height:120px;
   font-size:22px;
   padding:5px;
   margin:0px auto;
}
```

flipCard.js

```
var memory array = ['A', 'A', 'B', 'B', 'C', 'C', 'D', 'D', 'E', 'E', 'F', 'F', 'G', 'G', 'H', 'H', 'I', 'I', 'J', 'K', 'K',
'L', 'L']
var memory values = [];
var memory_tile_ids = [];
var tiles flipped = 0;
// 翻牌配對 遊戲 開局
function newBoard(){
    tiles flipped = 0;
    var output = ";
    memory array.memory tile shuffle();
     for (var i = 0; i < memory_array.length; i++) {
         output += '<div id="tile '+i+" onclick="memoryFlipTile(this,\"+memory array[i]+'\')"></div>';
     document.getElementById('memory board').innerHTML = output;
}
// 將 24 個英文字母 隨機 分配 給 24 張 圖片
Array.prototype.memory tile shuffle = function(){
```

```
var i = memory array.length, j, temp;
     while (i > 0) {
         i = i-1;
         j = Math.floor(Math.random() * (i+1));
         temp = this[j];
         this[j] = this[i];
         this[i] = temp;
    }
}
// 蓋牌 翻牌 比對
function memoryFlipTile(tile, val) {
     if (tile.innerHTML == "" && memory values.length < 2) {
        tile.style.background = '#FFF';
        tile.innerHTML = val;
        if (memory values.length = 0){
            memory values.push(val);
            memory tile ids.push(tile.id);
        } else if (memory values.length == 1){
             memory values.push(val);
             memory tile ids.push(tile.id);
             if (memory values[0] == memory values[1]) {
                 tiles flipped += 2;
                // clear both arrays
                 memory values = [];
                 memory tile ids = [];
                // check if the whole board is cleared
                 if (tiles flipped == memory array.length) {
                    stopClock();
                    alert("You can start a new game.");
                    document.getElementById('memory board').innerHTML = "";
                    newBoard();
                 }
             } else {
                    function flip2Back() {
                       // flip the 2 tiles back over
                       var tile 1 = document.getElementById(memory tile ids[0]);
                       var tile 2 = document.getElementById(memory tile ids[1]);
```

```
tile 1.style.backgroundImage = "url(images/tile.png)";
                    tile 1.innerHTML = "";
                    tile 2.style.backgroundImage = "url('images/tile.png')";
                    tile 2.innerHTML = "";
                    // clear both arrays
                    memory_values = [];
                    memory tile ids = [];
                 }
                 setTimeout(flip2Back, 700);
           }
     }
   }
}
// 遊戲計時器
var timer = null;
var initial = true;
var iTime = null;
// 開始計時
function startClock() {
  // 取得起始時間
  if (initial == true) {
     iTime = new Date();
     initial = false;
  initT = iTime;
  // 取得目前時間
  var cTime = new Date;
  // 計算走過的時間
  var difference = (parseInt(cTime - initT)/1000); //兩個時間相差的秒數
  // 顯示時間
  showRunningTime.innerHTML = "<font size='5' color='red'>"+difference.toFixed(0)+"<font>";
  timer = setTimeout("startClock()", 1000);
// 開始遊戲
function startGame() {
  showRunningTime.innerHTML = "";
  newBoard();
```

```
startClock();
 }
// 停止遊戲
 function stopGame() {
   clearTimeout(timer);
   initial = true;
 }
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
<title>動態網頁設計 單元(十一)</title>
    <style>
         .myButton {
               display:inline-block;
               border-radius:5px; border:1px solid #337bc4;
               background-color:#79bbff; color:#ffffff;
               box-shadow: 3px 4px 0px 0px #1564ad;
               cursor:pointer;
               font-family:Arial; font-size:25px; font-weight:bold;
               padding:12px 44px; text-decoration:none;
               text-shadow:0px 1px 0px #528ecc; margin:5px;
         }
         .myButton:hover {
              background:linear-gradient(to bottom, #378de5 5%, #79bbff 100%);
              background-color:#378de5;
    </style>
</head>
<body bgcolor="lightyellow" align="center">
    <h2>JavaScript 第八次上課: JavaScript 與 用戶端 的互動 </h2>
     <h2><font color="red"> 時鐘:計時練習</font></h2>
     <hr>
     <div id="show"></div>
```

```
<button type="button" class="myButton" onclick="startClock();">開始計時</button>
     <button type="button" class="myButton" onclick="stopClock();">停止計時</button>
    <br>><br>>
    <script>
        // 取得今天日期時間
         var dttoday = new Date();
         document.write("今天日期與時間: "+dttoday +"<br>");
        // 取得系統日期
         output = dttoday.getDate() + "/";
         output += (dttoday.getMonth()+ 1) + "/";
         output += (dttoday.getFullYear()) + "<br/>';
         document.write("系統日期: "+output);
         // 取得系統時間
         output = dttoday.getHours() + ":";
         output += (dttoday.getMinutes()) + ":";
         output += (dttoday.getSeconds()) + "<br/>';
         document.write("系統時間: " + output);
         // 網頁小時鐘
         var timer = null;
         // 開始計時
         function startClock() {
           var time = new Date();
           // 取得時間
           var hours = time.getHours() + ":";
           var minutes = time.getMinutes() + ":";
           var seconds = time.getSeconds();
           // 顯示時間
           show.innerHTML = "<font size='20'>"+hours+ minutes + seconds+"<font>";
           timer = setTimeout("startClock()", 1000);
         }
        // 停止計時
         function stopClock() {
           clearTimeout(timer);
    </script>
</body>
</html>
```

```
<!DOCTYPE HTML>
<html>
<head>
    <meta charset="utf-8">
    <title>動態網頁設計 單元(十一)</title>
    <style>
          .container {
            background-color: #ffff99;
            width: 30%; height: 100px;
            text-align: center;
            margin-left: auto;
            margin-right: auto;
          }
          #timer {
            font-size: 30px; font-family: "Times New Roman";
          #demo-days {color: red;
          #demo-hours {color: blue;
          #demo-minutes {font-family: DFKai-sb;
          #demo-seconds {background: #73b53a;
     </style>
</head>
<body bgcolor="lightyellow" align="center">
    <h2>JavaScript 第八次上課: JavaScript 與 用戶端 的互動 </h2>
    <h2><font color="red"> 倒數計時練習</font></h2>
    <div class="container">
         <h2><font color="purple">距離 五月天 20 周年演唱會 還有</font></h2>
        <div id="timer">
            <span id="demo-days"></span>
            <span id="demo-hours"></span>
            <span id="demo-minutes"></span>
            <span id="demo-seconds"></span>
        </div>
     </div>
```

```
<script>
      // Set the date we're counting down to
      var countDownDate = new Date("Aug 16, 2022 19:00:00").getTime();
      // Update the count down every 1 second
      var x = setInterval(function() {
         // Get today's date and time
         var now = new Date().getTime();
         // Find the distance between now and the count down date
         var distance = countDownDate - now;
         // Time calculations for days, hours, minutes and seconds
         var days = Math.floor(distance / (1000 * 60 * 60 * 24));
         var hours = Math.floor((distance \% (1000 * 60 * 60 * 24)) / (1000 * 60 * 60));
         var minutes = Math.floor((distance \% (1000 * 60 * 60)) / (1000 * 60));
         var seconds = Math.floor((distance \% (1000 * 60)) / 1000);
         // Output the result in four elements with different id
         document.getElementById("demo-days").innerHTML = days + " 天";
         document.getElementById("demo-hours").innerHTML = ("0"+hours).slice(-2) + " 小時";
         document.getElementById("demo-minutes").innerHTML = ("0"+minutes).slice(-2) + " 分";
         document.getElementById("demo-seconds").innerHTML = ("0"+seconds).slice(-2) + " 秋";
         // If the count down is over, write some text
         if (distance < 0) {
           clearInterval(x);
           document.getElementById("demo").innerHTML="演唱會已經結束, 謝謝關心";
       }, 1000);
  </script>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
     <meta charset="utf-8"/>
     <title>動態網頁設計 單元(十一)</title>
      <!-- my flip card css -->
      link rel="stylesheet" type="text/css" href="css/flipCard.css">
      <!-- my flip card is -->
      <script src="js/myFlip.js"></script>
</head>
<body bgcolor="lightyellow" align="center">
    <h2>JavaScript 第八次上課: JavaScript 與 用戶端 的互動 </h2>
    <font color="#5603fc" size="6"><strong>翻牌配對遊戲</strong></font><br>
     <font color="#fc9003" size="5">Click on two cards to see if you have a match.</font>
     <div id="memory board"></div><br><br>
     <script>newBoard();</script>
     <div id="info">
     <font size="6" color="blue"> 配對遊戲 時間計時 </font>
     Time taken for the game (seconds): <span id="showRunningTime"></span>
     </div><br><br>>
     <button type="button" class="btn" onclick="startGame();">開始遊戲</button>
     <button type="button" class="btn" onclick="stopGame();">停止遊戲</button>
     <button type="button" class="btn" onclick="stopClock();">暫停計時</button>
     <button type="button" class="btn" onclick="continueGame();">繼續遊戲</button>
</body>
</html>
myFlip.js (其他部分跟 flipCard.js 相同)
// 遊戲計時器
var timer = null;
var initial = true;
var conti = false;
var iTime, initT, usedTime, diff;
var difference=0;
var contiTime=0;
// 開始計時
```

function startClock() {

```
// 取得起始時間
  if (initial == true) {
     iTime = new Date();
     initial = false;
  }
  initT = iTime;
  // 取得目前時間
  var cTime = new Date;
  // 兩個時間 相差的秒數
  difference = (parseInt(cTime - initT)/ 1000);
 // 屬於 遊戲繼續 的 情況, 則再 加上 之前 已使用的時間
  difference = parseInt(difference) + parseInt(contiTime);
  // 顯示 時間 計時
  showRunningTime.innerHTML = "<font size='5' color='red'>"+parseFloat(difference).toFixed(0)+"</font>";
  usedTime = parseFloat(difference).toFixed(0);
  timer = setTimeout("startClock()", 1000);
// 開始 新遊戲
function startGame() {
  contiTime=0;
  newBoard();
  startClock();
}
// 停止遊戲
function stopGame() {
  showRunningTime.innerHTML = "<font size='5' color='blue'>"+ usedTime + "&nbsp&nbsp 遊戲停止";
  clearTimeout(timer);
  initial = true;
// 暫停計時
function stopClock() {
  clearTimeout(timer);
  initial = true;
```

```
// 繼續 原遊戲
function continueGame() {
  contiTime = usedTime;
  conti = true;
  initial = true;
  startClock();
}
```

動態網頁設計(單元十二) JavaScript的變數、迴圈、函式 (實例:照片輪播、下拉式menu bar)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>A107280XX HK(2)</title>
    <!-- Bootstrap 5 CSS -->
    link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
    <!-- my CSS -->
    link rel="stylesheet" type="text/css" href="css/hk2 css.css">
    <!-- my JavaScript code -->
    <script type="text/javascript" src="js/dropmenu.js"></script>
     <script type="text/javascript" src="js/slideshow.js"></script>
</head>
<body onload="init()">
    <header class="col text-center font-weight-bold">王大明 HK02</header>
    <nav class="navbar bg-success justify-content-start">
        <a href="index.html"><button type="button" class="btn btn-success drop-menu">Home</button></a>
        <a href="photo.html"><button type="button" class="btn btn-success drop-menu">照片輪播</button></a>
        <a href="music.html"><button type="button" class="btn btn-success drop-menu">聽音樂</button></a>
        <a href="video.html"><button type="button" class="btn btn-success drop-menu">看影片</button></a>
```

```
<!--選單 1 (Hover)-->
  <span class="drop-menu" onmouseover="switchMenu(this, 'SubMenu1', 'MouseOver')"</pre>
onmouseout="hideMenu()">景點介紹<span style="font-size:9px;">&#9660;</span>
    <a href="#">日月潭</a>
        <a href="#">阿里山</a>
        <a href="#">圓山飯店</a>
        <a href="#">實踐大學</a>
        <a href="#">墾丁大街</a>
      </span>
     <!--選單 2 (Click)-->
    <span class="drop-menu" onclick="switchMenu(this, 'SubMenu2')">生活應用<span
style="font-size:9px;">▼</span>
        <a href="#">九九乘法表</a>
            <a href="#">猜數字</a>
            <a href="#">威力彩</a>
            <a href="#">大樂透</a>
            <a href="#">溫度轉換</a>
            <a href="#">BMI 計算</a>
            <a href="#">體脂率計算</a>
            <a href="#">配對遊戲</a>
         </span>
   </nav>
<main class="container-fluid bg-warning">
   <div class="row justify-content-center">
      <div class="my-4">
         <center><img id="img01" src="photos/picture1.jpg" width="80%" height="350px"></center>
      </div>
   </div>
</main>
<footer class="row bg-primary py-5">
    <div class="row mx-0 justify-content-center align-items-center w-100">
```

```
<div class="text-center text-light bg-dark w-50">
                   <div>
                       <strong>聯絡資訊</strong>
                   </div>
                   <div>
                       <strong>電話:(02)25381111</strong><br>
                       <strong>地址:台北市大直街 70 號(L 棟 4 樓)</strong>
                   </div>
              </div>
          </div>
      </footer>
</body>
</html>
 hk2 css.css
header { height: 80px;
    color: #ffffff;
    background-image:linear-gradient(to left, rgba(113, 120, 221) 20%, rgb(240, 57, 57));
    line-height: 80px; font-size: larger;
}
main { min-height: 50vh;
}
/* 下拉選單的樣式*/
.drop-menu {color:#FFFFFF; padding: 5px; margin:0px; cursor:pointer; display:inline-block; width:
115px; text-align: center;}
.drop-menu:hover {background-color: #4CAF50;}
                                                        /* 主選單 滑鼠 滑過去的樣式 */
.drop-menu a {color:#FFFFF; text-decoration:none;} /* 主選單內各按鈕內容文字的樣式 */
.dropDown-menu {margin:5px -6px; padding:0px; list-style-type:none; position:absolute; width: 117px;
z-index:99} /* 下拉清單的樣式 */
.dropDown-menu li { padding: 0px 0px; text-align:left;} /* 下拉清單每一列的樣式 */
.dropDown-menu a {color: black; text-decoration:none; text-align:left; display:block;} /* 下拉清單每
一列 各按鈕內容文字的樣式 */
.dropDown-menu a:hover {background-color:hsl(280, 67%, 76%);} /* 下拉清單每一列 各按鈕 滑鼠
滑過去的樣式 */
```

```
/* 電影清單的樣式*/
.caption-container {
    text-align: center; font-size: 24px; padding: 2px;
    color: white; background-color: #9c17df;
 }
 ul {
   list-style-type: none; margin-top: 30px; padding: 0;
   width: 200px; background-color: #f1f1f1; border: 1px solid #555;
 }
 li {
   text-align: center; border-bottom: 1px solid #555;
 li:last-child {
   border-bottom: none;
 }
 li a {
   display: block; color: #000; padding: 8px 16px; text-decoration: none;
 }
 li a.active {
   background-color: #4CAF50; color: white;
 li a:hover{
   background-color: #4CAF50; color: white;
 }
 slideshow.js
// 自動播放圖片
function init(){
    window.setInterval("changeImg()", 2500);
}
var i = 1;
function changeImg() {
  i++;
  document.getElementById("img01").src="photos/picture"+i+".jpg"
  if (i == 7) {
        i = 0;
  }
```

dropmenu.js

```
var VisibleMenu = "; // 記錄目前顯示的子選單的 ID
```

```
// 顯示或隱藏子選單
function switchMenu(theMainMenu, theSubMenu, theEvent){
    var SubMenu = document.getElementById(theSubMenu);
    if( SubMenu.style.display == 'none' ){
         SubMenu.style.display = 'block'; // 顯示子選單
         hideMenu(); // 隱藏子選單 for Click 滑鼠離開 選單 2 時 用
         VisibleMenu = theSubMenu;
    }
    else{// 隱藏子選單
        if( theEvent != 'MouseOver' || VisibleMenu != theSubMenu ){
             SubMenu.style.display = 'none';
             VisibleMenu = ";
        }
    }
}
// 隱藏子選單
function hideMenu(){
    if( VisibleMenu != " ){
        document.getElementById(VisibleMenu).style.display = 'none';
    VisibleMenu = ";
}
// SubMenu.style.minWidth = theMainMenu.clientWidth;
```

動態網頁設計(單元十三) JavaScript:使用 Google Map API

(實例:查出經緯度、秀出景點地圖)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>A107280XX HK(2)</title>
    <!-- Bootstrap 5 CSS -->
    link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
    <!-- my CSS -->
    k rel="stylesheet" type="text/css" href="css/mycss.css">
    <!-- my JavaScript code -->
    <script type="text/javascript" src="js/slideshow.js"></script>
    <script type="text/javascript" src="js/dropmenu.js"></script>
    <script type="text/javascript" src="js/mapMenu.js"></script>
</head>
<body onload="init()">
    <header class="col text-center font-weight-bold">王大明 HK02</header>
    <nav class="navbar bg-success justify-content-start">
        <a href="index.html"><button type="button" class="btn btn-success drop-menu">Home</button></a>
        <a href="photo.html"><button type="button" class="btn btn-success drop-menu">照片輪播</button></a>
        <a href="music.html"><button type="button" class="btn btn-success drop-menu">聽音樂</button></a>
        <a href="video.html"><button type="button" class="btn btn-success drop-menu">看影片</button></a>
        <!--選單 1 (Hover)-->
        <span class="drop-menu" onmouseover="switchMenu(this, 'SubMenu1', 'MouseOver')"</pre>
onmouseout="hideMenu()">景點介紹<span style="font-size:9px;">&#9660;</span>
          <a href="javascript:goMap(0);">日月潭</a>
               <a href="javascript:goMap(1);">阿里山</a>
               <a href="javascript:goMap(2);">圓山飯店</a>
```

```
<a href="javascript:goMap(3);">實踐大學</a>
             <a href="javascript:goMap(4);">墾丁大街</a>
          </span>
          <!--選單 2 (Click)-->
          <span class="drop-menu" onclick="switchMenu(this, 'SubMenu2')">生活應用<span
style="font-size:9px;">▼</span>
          <a href="#">九九乘法表</a>
            <a href="#">猜數字</a>
             <a href="#">威力彩</a>
             <a href="#">大樂透</a>
             <a href="#">溫度轉換</a>
             <a href="#">BMI 計算</a>
             <a href="#">體脂率計算</a>
             <a href="#">配對遊戲</a>
          </span>
     </nav>
     <main class="container-fluid bg-warning">
         <div id="picture">
             <div class="row justify-content-center">
                 <div class="my-4">
                      <center><img id="img01" src="photos/picture1.jpg" width="80%"</pre>
height="350px"></center>
                  </div>
              </div>
          </div>
          <div id="map" style="display:none">
             <div class="row">
                  <div id="caption" class="w-100 text-center" style="height: 60px; padding:20px;</pre>
font-size: 20px"></div>
             </div>
             <div class="row justify-content-center">
                  <div id="myMap" class="col-12 col-md-8"></div>
              <div id="article" class="col-12 col-md-4" style="height:400px; overflow:auto; text-</p>
align:justify"></div>
             </div>
```

```
</div>
    </main>
    <footer class="row bg-primary py-5">
        <div class="row mx-0 justify-content-center align-items-center w-100">
           <div class="text-center text-light bg-dark w-50">
                <div>
                    <strong>聯絡資訊</strong>
                </div>
                <div>
                     <strong>電話:(02)25381111</strong><br>
                     <strong>地址:台北市大直街 70 號(L 棟 4 樓)</strong>
                </div>
             </div>
         </div>
     </footer>
</body>
</html>
```

mapMenu.js

var maps = [

{"caption":"日月潭的景點介紹", "location":[23.8523012, 120.9009427],

"article":"日月潭原為全臺灣第一大的天然湖泊,水源全仰賴雨水供應。「日月潭」一名首見於清道光元年(1821)等之名稱。"},

{"caption":"阿里山的景點介紹", "location":[23.4495574, 120.6597026],

"article":"阿里山實際上並不是一座山的名稱,只是特定範圍的統稱,正確說法應是「阿里山區」, 地理上屬於中埔等地景點可供遊賞。"

+"阿里山區的林相豐富,從亞熱帶的闊葉林到寒帶的針葉林都有。800公尺以下丘陵為熱帶林相,主要由相思樹、構樹構成。"},

{"caption":"圓山飯店的景點介紹", "location":[25.078304, 121.5239483],

"article":"圓山大飯店是位於中華民國臺北市中山區劍潭山的一座地標性質的中國風飯店,成立於第二次世界大戰後。"},

{"caption":"實踐大學的景點介紹", "location":[25.0846814, 121.5455938],

"article":"該校創辦人謝東閔以「力行實踐,修齊治平」為辦學理念,並認為家庭為國家之本。於是在1958年創辦家政學校,"},

{"caption":"墾丁的景點介紹", "location":[21.9460562, 120.7941664],

"article":"「墾丁」舊名「墾丁寮」, 起源自清領時期光緒三年(1877年)官方設置招墾局, 募得粵籍客家人壯丁在此搭寮墾荒而得名。"

+"《恆春縣志》亦記載墾丁莊為「客番雜居」(客家人與原住民雜居)的村落;另外亦有同治年間開墾之 說法。該聚落舊址原在大尖石山山麓,"

+"本只是個小地名,今日一般指墾丁路夜市(仍在大尖石山下),行政上隸屬於屏東縣恆春鎮墾丁里。由 於後來成為國家公園名,亦常泛指整個恆春半島地區。
"

+"恆春半島成立國家公園之計畫在日據時期即有學者提倡。在臺灣最早的大屯、新高阿里山、次高太魯閣三處國立公園成立之前,"

+"1936 年 4 月臺北帝國大學地質學教授早坂一郎在其論文《臺灣の國立公園》中,認為既存的新高阿里山、次高太魯閣國立公園皆為"

+"大同小異的山岳地帶,主張應於大日本帝國唯一的熱帶地恆春半島增設國立公園,範圍為臺東與屏東 一線以南全部區域、"

+"包括大武山等高山。同年2月5日《臺灣日日新報》的專欄中臺北帝國大學幾任教授亦附和之,認為 大武山至恆春方面由姥姑石形成的"

+"丘陵為「一種獨特的景觀與風致」,另外亦有四重溪溫泉與琉球嶼,成立「相當大規模的國立公園並非不可能」"},

];

動態網頁設計(單元十四) 響應式網站的初步概念

Responsive Web Design (I)

Bootstrap 5: Grid System, Break Points, Spacing

```
<!doctype html>
<html lang="zh-tw">
<head>
     <!-- required meta tags -->
     <meta charset="utf-8">
     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
     <title>動態網頁設計 單元(14)</title>
     <!-- using Bootstrap 5 CSS -->
     <link rel="stylesheet" href="css/bootstrap.min.css">
     <!-- using my css -->
     <link rel="stylesheet" href="css/RD14.css">
</head>
<body>
<div class="container">
     <h2 align="center">RWD Bootstrap 第一次上課 Unit 1: 網格系統 與 Spacing 練習</h2>
     <div class="row"> <!-- 先用 bootstrap .row 畫出一個橫向區域 (一行) -->
          <div class="col-sm-12 col-md-4 col-lg-4"> <!-- 設占用幾個 columns -->
              <h3>顯示 第一區 </h3>
          </div>
          <div class="col-sm-12 col-md-4 col-lg-5">
              <h3>顯示 第二區 </h3>
          </div>
           <div class="col-sm-12 col-md-4 col-lg-3">
              <h3>顯示 第三區 </h3>
          </div>
      </div>
</div>
<header>
  <div class="row text-center">
      <div class="col">
```

```
<div class="box">使用 row text-center, col 設定</div>
      </div>
      <div class="col">
          <div class="box">使用 row text-center, col 設定</div>
      </div>
   </div>
   <div class="row gx-3">
        <div class="col-12 col-md-4">
           <div class="box">使用 gx-2 col col-md-4 設定</div>
        </div>
        <div class="col-12 col-md-4">
           <div class="box text-center">使用 gx-2 col col-md-4, div text-center 設定</div>
       </div>
      <div class="col-12 col-md-4 text-center">
            <div class="box">使用 gx-2 col col-md-4 text-center div 設定</div>
       </div>
   </div>
</header>
<div class="container">
      <div class="row gx-5" style="text-align: right; line-height:100px">
          <div class="col">
              <div class="box">使用 gx-5 col text-align line-height 設定</div>
           </div>
          <div class="col">
                <div class="box">使用 gx-5 col text-align line-height 設定</div>
           </div>
      </div>
     <div class="row gx-0">
           <div class="col" style="line-height:100px">
               <div class="box">使用 gx-0 col line-height 設定</div>
           </div>
           <div class="col">
                <div class="box" style="text-align: center; line-height:100px">使用 gx-0 col text-align
line-height 設定</div>
            </div>
      </div>
      <div class="row">
           <div class="col-12 col-md-6 bigBox" style="text-align: center; line-height:200px">
```

```
<img src="Photos/A002.png" height="150" width="120" style="margin-left: auto; margin-right: auto">
           </div>
           <div class="col-12 col-md-6 text-center" id="middle">
               <a style="margin-left: auto; margin-right: auto">
                   <img src="Photos/A002.png" height="150" width="120">
                   <br>>圖片配合文字置中
               </a>
           </div>
       </div>
       <div class="row gx-3">
               <div class="col-12 col-sm-4 box" style="line-height:30px">文字靠左 且垂直 靠上</div>
               <div class="col-12 col-sm-4 box" style="text-align: center; line-height:100px">文字 水
平靠中 垂直置中</div>
                <div class="col-12 col-sm-4 box" style="text-align:right; line-height:170px">
文字靠右且垂直靠下</div>
        </div>
        <div class="row"> <!-- col 不加上數字,每個 col 會自動等寬(均分)-->
               <div class="col box">Hello! col </div>
                <div class="col box">Hello! col</div>
                <div class="w-100"></div>
                                           <!-- 讓 Column 強制換行 -->
                <div class="col box">Hello! col</div>
                <div class="col-6 box">佔整個 row 的一半,其餘兩個等寬縮放</div>
                <div class="col box">Hello! col</div>
          </div>
</div>
<div class="container-fluid text-center">
    <div class="row d-flex flex-row-reverse">
        <div class="col-lg-3 col-md-6 col-sm-12">
              <div class="box">AAAA 從最右邊開始放</div>
         </div>
        <div class="col-lg-3 col-md-6 col-sm-12">
               <div class="box">BBBBB</div>
         </div>
         <div class="col-lg-3 col-md-6 col-sm-12">
                <div class="box">CCCC</div>
          </div>
          <div class="col-lg-3 col-md-6 col-sm-12">
```

```
<div class="box">DDDDDD</div>
        </div>
   </div>
    <div class="row" style="padding-bottom: 0">
           <div class="col-5 box">我佔 5, 不平分 </div>
           <div class="col-7 box">我佔 7, 不平分 </div>
    </div>
   <div class="row">
         <div class="col-4 col-md-8 box">當螢幕尺寸為 md 以上時會有 8:4 來顯示</div>
         <div class="col-8 col-md-4 box">當螢幕尺寸為 md 以下時會以 4:8 來顯示</div>
   </div>
   <div class="row">
       <div class="col-sm-6 col-md-2 bigBox" style="line-height:200px"> 左邊 big box</div>
       <div class="col-sm-6 col-md-3 box">
          <div class="row d-flex flex-column">
              <div class="text-center smallBox" style="line-height:50px">置中上面</div>
               <div class="text-center smallBox" style="line-height:150px">置中下面</div>
          </div>
      </div>
      <div class="col-sm-12 col-md-7 bigBox">
         <h4><font color="red" width="300" height="150">兩兩相忘</font></h4>
         <video width="350" height="150" controls>
            <source src="videos/video7.mp4" type="video/mp4">
          </video>
      </div>
    </div>
   <div class="row"><!-- col-auto 讓 column 的寬度 永遠隨著該 item 內的內容而改變-->
       <div class="col align-top box">Top Apple</div>
       <div class="col-auto align-middle box">隨內容自動調整寬度, 自動調整寬度</div>
       <div class="col align-bottom box">Bottom Apple</div>
    </div>
</div>
<div class="row pb-1">
    <div class="col">
       <img src="img/01.jpg" style="width:100%">
    </div>
    <div class="col">
```

```
<img src="img/02.jpg" style="width:100%">
        </div>
        <div class="col">
           <img src="img/03.jpg" style="width:100%">
        </div>
   </div>
   <div class="row" style="text-align: center; line-height:200px">
        <div class="col-12 col-sm-6 col-md-4 bigBox">
           <img src="img/01.jpg" style="width:90%" style="margin-left: auto; margin-right: auto">
        </div>
        <div class="col-12 col-sm-6 col-md-4 bigBox">
           <img src="img/02.jpg" style="width:90%" style="margin-left: auto; margin-right: auto">
        </div>
        <div class="col-12 col-sm-6 col-md-4">
           <img src="img/03.jpg" style="width:90%" style="margin-left: auto; margin-right: auto">
       </div>
    </div>
    <div class="row">
         <div class="col-md-2">
             <div class="box"></div>
             <div class="boxbox"></div>
          </div>
          <div class="col-md-4">
             <div class="box"></div>
             <div class="boxbox"></div>
           </div>
           <div class="col bigBox">Column</div>
           <div class="col bigBox">Column</div>
           <div class="col bigBox">Column</div>
      </div>
<div>
</body>
</html>
```

RD14.css

```
* { box-sizing: border-box; }
.container-fluid {
 background-color: aquamarine;
.container {
 background-color: lemonchiffon;
}
.box {
   border: 2px solid #e0e0e0; margin:10px 0px;
   padding-bottom:10px; background-color: lightblue; height: 100px;
}
.bigBox {
   border: 2px solid #e0e0e0; margin:10px 0px;
   padding-bottom:10px; background-color: lightblue; height: 200px;
}
.smallBox {
   border: 2px solid #e0e0e0; margin:0px 0px;
   padding-bottom:10px; background-color: red; height: 100px;
.boxbox {
   margin: 0px; border-style: double;
   background-color: lightgreen; height: 90px;
#top {
  display:flex; align-items:flex-start;
}
#middle {
  display:flex; align-items:center;
#bottom {
  display:flex; align-items:flex-end;
}
header {
 background-image:linear-gradient(to left, rgba(113, 120, 221) 20%, rgb(240, 57, 57))
```

動態網頁設計(單元十五)響應式網站的初步實作

Responsive Web Design (II) Bootstrap 5: Components

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <!—using Bootstrap 5 css -->
    k href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/css/bootstrap.min.css" rel="stylesheet">
    <!—Using Bootstrap 5 js -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/js/bootstrap.bundle.min.js"></script>
    <title>A180XXXX 期末作品</title>
    <style>
         .mybgcolor {
           background-image:
           linear-gradient(to bottom right, red, yellow, blue, red);
         .mybgcolor img {
             width: 90%;
    </style>
</head>
<body>
    <div class="alert alert-danger text-center my-0" style="height:10px; line-height: 4px;">
         <strong>本周特報!</strong> 首下載 APP 享 100 元優惠
    </div>
    <nav class="navbar navbar-expand-sm bg-light">
         <div class="container-fluid">
              <a class="navbar-brand" href="#"><img src="images/logo.png" height="25px"></a>
             <!-- Links -->
```

```
class="nav-item">
              <a class="nav-link" href="#">最新商品</a>
           class="nav-item">
              <a class="nav-link" href="#">全館熱銷</a>
           <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#">主題系列</a>
              <a class="dropdown-item" href="#">小資女</a>
                <a class="dropdown-item" href="#">大學生</a>
                <a class="dropdown-item" href="#">潮型男</a>
              class="nav-item">
              <a class="nav-link" href="#">本季新款</a>
           class="nav-item dropdown">
              <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#">特別企劃</a>
              ul class="dropdown-menu">
                <a class="dropdown-item" href="#">假日休閒</a>
                <a class="dropdown-item" href="#">白領上班</a>
                <a class="dropdown-item" href="#">男女約會</a>
                <a class="dropdown-item" href="#">宴會酒會</a>
              class="nav-item">
              <a class="nav-link" href="#">折扣優惠</a>
           </div>
</nav>
<div class="container">
   <div class="row">
       <div class="col-12 col-sm-10 p-0">
            <!-- Carousel -->
           <div id="demo" class="carousel slide" data-bs-ride="carousel">
                                   83
```

ul class="navbar-nav">

```
<!-- Indicators/dots -->
          <div class="carousel-indicators">
               <button type="button" data-bs-target="#demo" data-bs-slide-to="0" class="active"></button>
               <br/>
<br/>
button type="button" data-bs-target="#demo" data-bs-slide-to="1"></button>
               <br/>
<br/>
<br/>
data-bs-target="#demo" data-bs-slide-to="2"></button>
               <br/>
<br/>
<br/>
data-bs-target="#demo" data-bs-slide-to="3"></button>
               <br/>
<br/>
button type="button" data-bs-target="#demo" data-bs-slide-to="4"></button>
          </div>
          <!-- The slideshow/carousel -->
          <div class="carousel-inner">
              <div class="carousel-item active">
                    <img src="images/c01.png" height="300px" alt="Los Angeles" class="d-block w-100">
             </div>
             <div class="carousel-item">
                 <img src="images/c02.png" height="300px" alt="Chicago" class="d-block w-100">
             </div>
             <div class="carousel-item">
                 <img src="images/c03.png" height="300px" alt="New York" class="d-block w-100">
             </div>
             <div class="carousel-item">
                 <img src="images/c04.png" height="300px" alt="New York" class="d-block w-100">
             </div>
             <div class="carousel-item">
                 <img src="images/c05.png" height="300px" alt="New York" class="d-block w-100">
             </div>
           </div>
          <!-- Left and right controls/icons -->
          <button class="carousel-control-prev" type="button" data-bs-target="#demo" data-bs-slide="prev">
               <span class="carousel-control-prev-icon"></span>
          </button>
          <button class="carousel-control-next" type="button" data-bs-target="#demo" data-bs-slide="next">
               <span class="carousel-control-next-icon"></span>
          </button>
     </div>
</div>
<div class="col-12 col-sm-2 p-0">
                                      84
```

```
<div class="col"><img src="images/d02.png" width="100%" height="148px"></div>
            <div class="w-100 my-1"></div>
                                            <!-- 讓 Column 強制換行 -->
            <div class="col"><img src="images/d03.png" width="100%" height="148px"></div>
        </div>
    </div>
</div>
<div class="alert alert-success text-center">
    <strong>本月銷售人氣排行!</strong>
</div>
<div class="row">
    <div class="col-12 col-md-4">
        <div class="card" style="width:400px">
            <img class="card-img-top" src="images/h1.png" alt="Card image">
            <div class="card-body">
               <h4 class="card-title">模特林小真</h4>
               特價$7600 元
               <a href="#" class="btn btn-primary">看搭配示範</a>
            </div>
        </div>
    </div>
    <div class="col-12 col-md-4">
        <div class="card" style="width:400px">
            <img class="card-img-top" src="images/h2.png" alt="Card image">
            <div class="card-body">
               <h4 class="card-title">Model Julie Chen</h4>
               特價$6900 元
               <a href="#" class="btn btn-primary">看搭配示範</a>
            </div>
        </div>
    </div>
    <div class="col-12 col-md-4">
        <div class="card" style="width:400px">
            <img class="card-img-top" src="images/h3.png" alt="Card image">
            <div class="card-body">
               <h4 class="card-title">模特廖雅真</h4>
```

```
特價$5700 元
               <a href="#" class="btn btn-primary">看搭配示範</a>
             </div>
        </div>
    </div>
</div>
<div class="alert alert-warning text-center">
    <strong>過季商品折價促銷</strong>
</div>
<div class="row mybgcolor">
    <div class="col-6 col-sm-4 col-md-3 col-lg-2">
        <div><img src="images/s1.png"></div>
    </div>
    <div class="col-6 col-sm-4 col-md-3 col-lg-2">
        <div><img src="images/s2.png"></div>
    </div>
    <div class="col-6 col-sm-4 col-md-3 col-lg-2">
        <div><img src="images/s3.png"></div>
    </div>
    <div class="col-6 col-sm-4 col-md-3 col-lg-2">
        <div><img src="images/s4.png"></div>
    </div>
    <div class="col-6 col-sm-4 col-md-3 col-lg-2">
        <div><img src="images/s5.png"></div>
    </div>
    <div class="col-6 col-sm-4 col-md-3 col-lg-2">
        <div><img src="images/s6.png"></div>
    </div>
    <div class="col-6 col-sm-4 col-md-3 col-lg-2">
        <div><img src="images/s7.png"></div>
    </div>
    <div class="col-6 col-sm-4 col-md-3 col-lg-2">
        <div><img src="images/s8.png"></div>
    </div>
    <div class="col-6 col-sm-4 col-md-3 col-lg-2">
        <div><img src="images/s1.png"></div>
```

</div>

```
<div class="col-6 col-sm-4 col-md-3 col-lg-2">
             <div><img src="images/s2.png"></div>
         </div>
         <div class="col-6 col-sm-4 col-md-3 col-lg-2">
             <div><img src="images/s3.png"></div>
         </div>
         <div class="col-6 col-sm-4 col-md-3 col-lg-2">
             <div><img src="images/s4.png"></div>
         </div>
         <div class="col-6 col-sm-4 col-md-3 col-lg-2">
             <div><img src="images/s5.png"></div>
         </div>
         <div class="col-6 col-sm-4 col-md-3 col-lg-2">
             <div><img src="images/s6.png"></div>
         </div>
         <div class="col-6 col-sm-4 col-md-3 col-lg-2">
             <div><img src="images/s7.png"></div>
        </div>
         <div class="col-6 col-sm-4 col-md-3 col-lg-2">
             <div><img src="images/s8.png"></div>
         </div>
    </div>
    <div class="mt-4 p-5 bg-primary text-white rounded">
         <h1>歐巴馬網頁工作室</h1>
         >聯絡電子信箱 obama@gmail.edu.tw
    </div>
</body>
</html>
```

動態網頁設計(單元十六) 響應式網站的基礎實作

Responsive Web Design (III) Bootstrap 5:照片輪播實例與客製化

RD16 01.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <!-- using bootstrap CSS -->
    k href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/css/bootstrap.min.css" rel="stylesheet">
    <!-- using my slide.CSS -->
    <link rel="stylesheet" href="css/slide.css">
    <!-- using bootstrap is -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/js/bootstrap.bundle.min.js"></script>
    <title>A180XXXX Slide 練習</title>
</head>
<body>
    <header class="col text-center font-weight-bold">Bootstrap 5.0 照片輪播 練習</header>
    <div class="container">
         <div class="row">
             <div class="col-12 p-0">
                   <!-- Carousel -->
                  <div id="demo" class="carousel slide" data-bs-ride="carousel" data-bs-interval="2000">
                       <!-- The slideshow/carousel -->
                       <div class="carousel-inner">
                            <div class="carousel-item active">
                              <img src="images/shoes1.jpg" alt="" class="d-block w-100">
                              <div class="carousel-caption">
                                   <h2>標題一 説明</h2>
                              </div>
```

```
</div>
     <div class="carousel-item">
       <img src="images/shoes2.jpg" alt="" class="d-block w-100">
       <div class="carousel-caption">
            <h2>標題二 說明</h2>
       </div>
     </div>
     <div class="carousel-item">
       <img src="images/shoes3.jpg" alt="" class="d-block w-100">
       <div class="carousel-caption">
            <h2>標題三 説明</h2>
       </div>
     </div>
     <div class="carousel-item">
       <img src="images/shoes4.jpg" alt="" class="d-block w-100">
       <div class="carousel-caption">
            <h2>標題四 說明</h2>
       </div>
     </div>
     <div class="carousel-item">
       <img src="images/shoes5.jpg" alt="" class="d-block w-100">
       <div class="carousel-caption">
            <h2>標題五 說明</h2>
       </div>
     </div>
</div>
<!-- Left and right controls/icons -->
<button class="carousel-control-prev" type="button" data-bs-target="#demo" data-bs-slide="prev">
     <span class="carousel-control-prev-icon"></span>
</button>
<button class="carousel-control-next" type="button" data-bs-target="#demo" data-bs-slide="next">
     <span class="carousel-control-next-icon"></span>
</button>
<!-- Indicators/dots -->
<div class="carousel-indicators">
     <button type="button" data-bs-target="#demo" data-bs-slide-to="0" class="active"></button>
     <br/>
<br/>
button type="button" data-bs-target="#demo" data-bs-slide-to="1"></button>
```

```
<button type="button" data-bs-target="#demo" data-bs-slide-to="2"></button>
                             <button type="button" data-bs-target="#demo" data-bs-slide-to="3"></button>
                             <button type="button" data-bs-target="#demo" data-bs-slide-to="4"></button>
                        </div>
                   </div>
              </div>
         </div>
    </div>
</body>
</html>
 slide.css
header { height: 80px;
    color: #ffffff;
     background-image:linear-gradient(to left, rgba(113, 120, 221) 20%, rgb(240, 57, 57));
    line-height: 80px; font-size: larger;
}
.carousel-item img {
    width: 100%;
    height: 350px;
}
.carousel-item h2, .carousel-item h3 {
    color: yellow;
    background: rgb(34,193,195);
     background: linear-gradient(0deg, rgba(34,193,195,1) 0%, rgba(253,187,45,1) 100%);
    width: 30%;
    margin-right: auto;
    margin-left: auto;
.flex-container {
     display: flex; flex-wrap: wrap; align-items: center;
    background-image: linear-gradient(to bottom right, red ,yellow, blue, red);
}
.flex-container > div {
width: 250px; margin: 10px;
/* Number text 例如: 1 / 5 */
.numbertext {
```

```
color: #f2f2f2;
     font-size: 12px;
     padding: 8px 12px;
     position: absolute;
     top: 0;
}
.carousel-control-prev, .carousel-control-next {
     font-weight: bold;
     font-size: 40px;
     color: white;
}
div.carousel-indicators {
     position: absolute;
     bottom: 5px;
     margin: 0;
     left: 0;
     right: 0;
     width: auto;
}
.carousel-indicators .btn {
  border: none;
  outline: none;
  padding: 10px 16px;
  background-color: green;
  font-size: 20px;
.carousel-indicators .btn.active {
     outline-style:none;
     background: yellow;
.carousel-indicators .dot {
     cursor: pointer;
     height: 15px; width: 15px; margin: 0 2px;
     background-color: #bbb;
     border-radius: 50%;
     display: inline-block;
     transition: background-color 0.6s ease;
.carousel-indicators .dot.active, .carousel-indicators .dot:hover {
```

```
background-color: #00ff80;

/* Caption for Q&A */
.caption {
    text-align: center;
    background: rgb(238,174,202);
    background: radial-gradient(circle, rgba(238,174,202,1) 0%, rgba(148,187,233,1) 100%);
    padding: 2px 16px;
    color: white;
}
```

RD16 02.html (其餘部分 跟 RD16 01html 相同)

在 body 區 照片輪播 改為下面

```
<div class="container">
        <div class="row">
            <div class="col-12 col-sm-10 p-0">
                  <!-- Carousel -->
                  <!-- data-bs-ride="carousel" 在頁面載入之後、自動開始播放 -->
                  <!-- carousel-fade 淡入淡出效果, data-bs-interval="輪播速度", carousel-dark -->
                 <div id="demo" class="carousel slide carousel-fade" data-bs-ride="carousel" data-bs-
interval="2000">
                     <!-- The slideshow/carousel -->
                     <div class="carousel-inner">
                          <div class="carousel-item active">
                              <div class="numbertext">1 / 5</div>
                              <img src="images/shoes1.jpg" height="300px" class="d-block w-100">
                              <div class="carousel-caption">
                                  <h3>恭喜熱銷第一名</h3>
                                  本月底購買,加送優惠眷一張
                              </div>
                          </div>
                          <div class="carousel-item">
                              <div class="numbertext">2 / 5</div>
                              <img src="images/shoes2.jpg" height="300px" class="d-block w-100">
                              <div class="carousel-caption">
                                  <h3>本周主打商品</h3>
```

```
>週六南京店 特惠促銷!
         </div>
    </div>
    <div class="carousel-item">
         <div class="numbertext">3 / 5</div>
         <img src="images/shoes3.jpg" height="300px" class="d-block w-100">
         <div class="carousel-caption">
              <h3>Los Angeles</h3>
              We had such a great time in LA!
         </div>
    </div>
    <div class="carousel-item">
         <div class="numbertext">4 / 5</div>
         <img src="images/shoes4.jpg" height="300px" class="d-block w-100">
         <div class="carousel-caption">
              <h3>Los Angeles</h3>
              We had such a great time in LA!
         </div>
    </div>
    <div class="carousel-item">
         <div class="numbertext">5 / 5</div>
         <img src="images/shoes5.jpg" height="300px" class="d-block w-100">
         <div class="carousel-caption">
              <h3>Los Angeles</h3>
              We had such a great time in LA!
         </div>
    </div>
</div>
<!-- Left and right controls/icons -->
<button class="carousel-control-prev" type="button" data-bs-target="#demo" data-bs-slide="prev">
    <span>Prev</span>
</button>
<button class="carousel-control-next" type="button" data-bs-target="#demo" data-bs-slide="next">
    <span>Next/span>
</button>
<!-- Indicators/dots -->
<div class="carousel-indicators">
    <button data-bs-target="#demo" data-bs-slide-to="0" class="btn active"></button>
                          93
```

RD16 03.html (其餘部分 跟 RD16 01html 相同)

在 head 區 多加下列

```
<!-- using font awesome -->
```

k href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css" rel="stylesheet">

在 body 區 照片輪播 改為下面

```
<h3>本周主打商品</h3>
          >週六南京店 特惠促銷!
      </div>
 </div>
 <div class="carousel-item">
      <div class="numbertext">3 / 5</div>
      <img src="images/shoes3.jpg" height="300px" class="d-block w-100">
      <div class="carousel-caption">
          <h3>Los Angeles</h3>
          We had such a great time in LA!
       </div>
 </div>
 <div class="carousel-item">
      <div class="numbertext">4 / 5</div>
      <img src="images/shoes4.jpg" height="300px" class="d-block w-100">
      <div class="carousel-caption">
          <h3>Los Angeles</h3>
          We had such a great time in LA!
       </div>
     </div>
     <div class="carousel-item">
          <div class="numbertext">5 / 5</div>
          <img src="images/shoes5.jpg" height="300px" class="d-block w-100">
          <div class="carousel-caption">
               <h3>Los Angeles</h3>
               We had such a great time in LA!
           </div>
     </div>
</div>
<!-- Left and right controls/icons -->
<button class="carousel-control-prev" type="button" data-bs-target="#demo" data-bs-slide="prev">
     <span><i class="far fa-arrow-to-left"></i></span>
</button>
<button class="carousel-control-next" type="button" data-bs-target="#demo" data-bs-slide="next">
     <span><i class="far fa-arrow-to-right"></i></span>
</button>
<!-- Indicators/dots -->
```

RD16 07.html (其餘部分 跟 RD16 01html 相同)

在 body 區 照片輪播 改為下面

```
<div class="col-12 p-0">
   <div class="bigBox">
       <div class="mySlides">
          <div class="numbertext">1 / 6</div>
          <img src="images/10.jpg">
      </div>
       <div class="mySlides">
          <div class="numbertext">2 / 6</div>
          <img src="images/02.jpg">
      </div>
      <div class="mySlides">
          <div class="numbertext">3 / 6</div>
          <img src="images/03.jpg">
       </div>
      <div class="mySlides">
          <div class="numbertext">4 / 6</div>
          <img src="images/04.jpg">
      </div>
      <div class="mySlides">
           <div class="numbertext">5 / 6</div>
           <img src="images/05.jpg">
      </div>
```

```
<div class="mySlides">
                      <div class="numbertext">6 / 6</div>
                      <img src="images/06.jpg">
                 </div>
                 <a class="prev" onclick="plusSlides(-1)">&#10094;</a>
                  <a class="next" onclick="plusSlides(1)">&#10095;</a>
                 <div class="caption-container">
                    </div>
                 <div class="row">
                    <div class="column">
                      <img class="demo cursor" src="images/10.jpg" onclick="currentSlide(1)" alt="</pre>
巴里島風格(1)">
                    </div>
                    <div class="column">
                      <img class="demo cursor" src="images/02.jpg" onclick="currentSlide(2)" alt="
巴里島風格(2)">
                    </div>
                    <div class="column">
                      <img class="demo cursor" src="images/03.jpg" onclick="currentSlide(3)" alt="
巴里島風格(3)">
                    </div>
                    <div class="column">
                      <img class="demo cursor" src="images/04.jpg" onclick="currentSlide(4)" alt="
南洋風格(1)">
                    </div>
                    <div class="column">
                      <img class="demo cursor" src="images/05.jpg" onclick="currentSlide(5)" alt="
南洋風格(2)">
                    </div>
                    <div class="column">
                      <img class="demo cursor" src="images/06.jpg" onclick="currentSlide(6)" alt="
南洋風格(3)">
                    </div>
                 </div>
             </div>
           </div>
```

mySlides.css

```
box-sizing: border-box;
.bigBox {
    position: relative; width:90%; margin: auto;
    /* Position the image container (needed to position the left and right arrows) */
  }
  img {
    width:100%; vertical-align: middle;
  .mySlides {
     display: none; /* Hide the images by default */
  .mySlides img { height: 400px;
  }
  .cursor {
    cursor: pointer; /* Add a pointer when hovering over the thumbnail images */
  /* Next & previous buttons */
  .prev, .next {
    cursor: pointer; position: absolute; top: 40%;
    width: auto; padding: 16px; margin-top: -50px;
    color: white; font-weight: bold; font-size: 20px;
    border-radius: 0 3px 3px 0;
  }
  .next {
    right: 0;
    border-radius: 3px 0 0 3px;
  }
  .prev {
    left: 0;
     border-radius: 3px 0 0 3px;
  /* On hover, add a black background color with a little bit see-through */
  .prev:hover, .next:hover {
     background-color: rgba(0, 0, 0, 0.8);
```

```
}
 /* Number text (1/3 etc) */
 .numbertext {
   color: #f2f2f2;
   font-size: 12px;
   padding: 8px 12px;
   position: absolute; top: 0;
 }
 /* Container for image text */
 .caption, .caption-container {
   text-align: center; padding: 2px 16px;
   background-color: #216eeb; color: white;
 }
 .row:after {
   clear: both;
 /* Six columns side by side */
 .column {
   float: left;
   width: 16.66%;
 /* Add a transparency effect for thumnbail images */
 .demo {
   opacity: 0.6;
 }
.active,
 .demo:hover {
   opacity: 1;
 }
 /* For small screen */
 @media only screen and (max-width: 768px) {
    .caption-container {background-color:#222; }
 /* For 手機 平板 横放時
 @media only screen and (max-width: 768px) and (orientation: landscape) {
   .caption-container {background-color: green;}
 }
```

```
.flex-container {
    display: flex; flex-wrap: wrap; align-items: center;
    background: rgb(238,174,202);
    background: radial-gradient(circle, rgba(238,174,202,1) 0%, rgba(148,187,233,1) 100%);
}
.flex-container > div {
    width: 250px; margin: 10px;
}
```

動態網頁設計(單元十七) 響應式網站的基礎實作

Responsive Web Design (IV)

Bootstrap 5: 摺疊按鈕, Menu Button, Menu icon, Search, Alert

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <!-- using Bootstrap 5 css -->
    link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/css/bootstrap.min.css" rel="stylesheet">
    <!-- using Bootstrap 5 is -->
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/js/bootstrap.bundle.min.js"></script>
    <title>A180XXXX 期末作品</title>
</head>
<body>
    <div class="container">
         <!-- brand/logo -->
         <a class="navbar-brand" href="#"><img src="images/logo.png" height="25px"></a>
         <h2>摺疊按鈕的設計</h2>
         <a href="#demo" class="btn btn-primary" data-bs-toggle="collapse">摺疊按鈕</a>
         <div id="demo" class="collapse">
```

```
通常,我們建議使用帶有 data-bs-target 屬性的按鈕,
  JavaScript 的摺疊插件被用於顯示和隱藏內容,
  點擊以下按鈕,透過改變 Class 來顯示及隱藏另一個元素。
</div>
<br>><br>>
<h2>摺疊按鈕的設計</h2>
<a href="#demo" class="btn btn-primary" data-bs-toggle="collapse">摺疊按鈕</a>
<div id="demo" class="collapse show">
  通常,我們建議使用帶有 data-bs-target 屬性的按鈕,
  JavaScript 的摺疊插件被用於顯示和隱藏內容,
  點擊以下按鈕,透過改變 Class 來顯示及隱藏另一個元素。
</div>
<br>><br>>
<h2>多個摺疊按鈕的設計</h2>
<div id="multiCollapse">
    <div class="card">
     <div class="card-header">
        <a class="btn" data-bs-toggle="collapse" href="#collapseOne">
          Question 1: 請問如何才能加入學生會員?
        </a>>
     </div>
     <div id="collapseOne" class="collapse" data-bs-parent="#multiCollapse">
        <div class="card-body">
          加入學生會員的條件說明.....
        </div>
     </div>
    </div>
    <div class="card">
     <div class="card-header">
        <a class="btn" data-bs-toggle="collapse" href="#collapseTwo">
         Question 2: What is the Refund Policy?
        </a>
      </div>
      <div id="collapseTwo" class="collapse" data-bs-parent="#multiCollapse">
        <div class="card-body">
         According to government regulations, our refund policy is lsited below:
```

```
</div>
                </div>
              </div>
              <div class="card">
                <div class="card-header">
                  <a class="btn" data-bs-toggle="collapse" href="#collapseThree">
                    Question 3: 三種優惠方案的比較?
                  </a>
                </div>
                <div id="collapseThree" class="collapse" data-bs-parent="#multiCollapse">
                  <div class="card-body">
                    三種優惠方案說明如下....
                  </div>
                </div>
             </div>
           </div>
           <br>><br>>
           <h2>多個摺疊按鈕的設計</h2>
           >
             <button class="btn btn-primary" type="button" data-bs-toggle="collapse" data-bs-
target="#collapse1">AI 座談會</button>
             <button class="btn btn-primary" type="button" data-bs-toggle="collapse" data-bs-
target="#collapse2">Big Data 演講</button>
             <button class="btn btn-primary" type="button" data-bs-toggle="collapse" data-bs-
target=".multi-collapse">Toggle 座談會與演講</button>
           <div class="row mb-2">
             <div class="col">
                <div class="collapse multi-collapse" id="collapse1">
                  <div class="card card-body">
                    AI content for the first collapse component of this multi-collapse example. This
panel is hidden by default but revealed when the user activates the relevant trigger.
                  </div>
                </div>
             </div>
```

```
<div class="col">
                <div class="collapse multi-collapse" id="collapse2">
                   <div class="card card-body">
                     Big Data content for the second collapse component of this multi-collapse
example. This panel is hidden by default but revealed when the user activates the relevant trigger.
                   </div>
                </div>
              </div>
            </div>
    </div>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>A180XXXX 手機板 摺疊選單</title>
    <!-- using Bootstrap 5.0 css + js -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/css/bootstrap.min.css">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/js/bootstrap.bundle.min.js"></script>
    <style>
         .navbar-toggler:focus,
         .navbar-toggler:active {
              outline-style: none; box-shadow: none;
         }
          nav { height:50px;
          }
          ul li a { color:blue !important;
          ul li a:hover { color:#ff1a1a !important;
    </style>
```

</head>

```
<body>
    <nav class="navbar navbar-expand-sm navbar-light bg-light sticky-top">
        <div class="container-fluid">
            <!-- brand/logo -->
            <a class="navbar-brand" href="#"><img src="images/logo.png" height="25px"></a>
            <!-- hamburger icon -->
            <button class="navbar-toggler" data-bs-toggle="collapse" data-bs-target="#collapseNavbar">
                 <span class="navbar-toggler-icon"></span>
            </button>
            <!-- Links -->
            <div class="collapse navbar-collapse" id="collapseNavbar">
                ul class="navbar-nav me-auto">
                    class="nav-item">
                        <a class="nav-link" href="#">最新商品</a>
                    class="nav-item">
                        <a class="nav-link" href="#">全館熱銷</a>
                    <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#">主題系列</a>
                        ul class="dropdown-menu">
                          <a class="dropdown-item" href="#">小資女</a>
                          <a class="dropdown-item" href="#">大學生</a>
                          <a class="dropdown-item" href="#">潮型 男</a>
                        class="nav-item">
                        <a class="nav-link" href="#">本季新款</a>
                    <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#">特別企劃</a>
                        ul class="dropdown-menu">
                          <a class="dropdown-item" href="#">假日休閒</a>
                          <a class="dropdown-item" href="#">白領上班</a>
                          <a class="dropdown-item" href="#">男女約會</a>
```

```
<a class="dropdown-item" href="#">宴會酒會</a>
                           class="nav-item">
                           <a class="nav-link" href="#">折扣優惠</a>
                       <!-- search -->
                   <form class="input-group" style="width:250px" action="https://www.google.com/search" method="get">
                        <input class="form-control me-2" type="search" placeholder="Search">
                        <button class="btn btn-success" type="submit">搜尋</button>
                   </form>
             </div>
         </div>
    </nav>
</body>
</html>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>A180XXXX 手機板 摺疊選單</title>
    <!-- using Bootstrap 5.0 css + js -->
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/css/bootstrap.min.css">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/js/bootstrap.bundle.min.js"></script>
    <!-- using font awesome -->
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.1/css/all.css">
    <!-- using my dropdown css -->
    <link rel="stylesheet" href="css/dropdown.css">
</head>
<body>
    <nav class="navbar navbar-expand-md bg-light sticky-top">
```

```
<!-- brand/logo -->
             <a class="navbar-brand" href="#"><img src="images/logo.jpg" height="35px"></a>
             <!-- hamburger icon -->
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-</pre>
target="#collapseNavbar">
              <i class="fas fa-bars" style="font-size:36px; color:peru"></i>
            </button>
            <!-- Links -->
             <div class="collapse navbar-collapse" id="collapseNavbar">
                 ul class="navbar-nav ms-auto">
                     class="nav-item">
                         <a class="nav-link" href="#">最新商品</a>
                     class="nav-item">
                         <a class="nav-link" href="#">全館熱銷</a>
                     <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#">主題系列</a>
                         ul class="dropdown-menu">
                           <a class="dropdown-item" href="#">小資女</a>
                           <a class="dropdown-item" href="#">大學生</a>
                          class="dropdown-submenu"><a class="dropdown-item dropdown-toggle" href="#">潮型男</a></a>
                                 <!-- 第三層 子選單-->
                                  ul class="dropdown-menu">
                                    <a class="dropdown-item text-warning" href="#">潮男 A</a>
                                     <a class="dropdown-item text-warning" href="#">潮男 B</a>
                                    <a class="dropdown-item text-</pre>
warning dropdown-toggle" href="#">潮男 c</a>
                                         <!-- 第四層 子選單-->
                                         ul class="dropdown-menu">
                                              <a class="dropdown-item text-dark" href="#">韓風</a>
                                              <a class="dropdown-item text-dark" href="#">日式</a>
                                         </u1>
```

```
class="nav-item">
                        <a class="nav-link" href="#">本季新款</a>
                    <a class="nav-link dropdown-toggle" data-bs-toggle="dropdown" href="#">特別企劃</a>
                        ul class="dropdown-menu">
                          <a class="dropdown-item" href="#">假日休閒</a>
                          <a class="dropdown-item" href="#">白領上班</a>
                          <a class="dropdown-item" href="#">男女約會</a>
                          <a class="dropdown-item" href="#">宴會酒會</a>
                        class="nav-item">
                        <a class="nav-link" href="#">折扣優惠</a>
                    <!-- search -->
                 <form class="d-flex" style="width:250px" action="https://www.google.com/search" method="get">
                     <input class="form-control me-2" type="search" placeholder="Search">
                     <button class="btn btn-success" type="submit">
                          <i class="fas fa-search" style="color: white"></i>
                     </button>
                 </form>
            </div>
    </nav>
</body>
</html>
```

dropdown.css

```
.navbar-toggler:focus, .navbar-toggler:active{
     outline-style: none; box-shadow: none;
nav { height:50px;
ul li a { color:blue !important;
}
```

```
ul li a:hover { background-color:#ccffe6 !important;
.nav-link { padding:14px;
.navbar-nav li ul.dropdown-menu {
    display: none;
}
.navbar-nav li:hover>ul.dropdown-menu {
    display: block;
}
.dropdown-submenu{ position: relative;
}
.dropdown-submenu>.dropdown-menu{
    top: 0%; left:100%;
}
.dropdown-menu>li>a:hover:after {
    transform: rotate(-90deg);
    transition: 1s;
}
@media (max-width:600px){
    ul li a:hover {
       background-color: #ffccff !important;
    }
    ul li a.dropdown-item:hover{
       background-color: #ffccff !important;
     .dropdown-menu {
         border: none;
         padding-top: 0px;
     .dropdown-item{
         width: 100px;
     }
     .dropdown-submenu>.dropdown-menu{
         top: 0%;
         left:200%;
     }
}
```

動態網頁設計(單元十八)響應式網站的基礎實作

Responsive Web Design (V)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>標籤分頁 練習</title>
    <!-- Bootstrap 5 CSS + is -->
    link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/js/bootstrap.bundle.min.js"></script>
    <!-- my CSS + j_S -->
    <link rel="stylesheet" href="css/pageTab.css">
    <script src="js/pageTab.js"></script>
</head>
<body>
    <header class="col text-center font-weight-bold">標籤分頁 練習
    <main class="container-fluid bg-warning">
            <!-- 標籤分頁 導覽列 -->
            <div class="nav nav-tabs nav-justified">
                  <button class="nav-link active" data-bs-toggle="tab" data-bs-target="#menu1">
                       HTML
                  </button>
                  <button class="nav-link" data-bs-toggle="tab" data-bs-target="#menu2">
                       CSS
                  </button>
                  <button class="nav-link" data-bs-toggle="tab" data-bs-target="#menu3">
                       JavaScript
                  </button>
                  <button class="nav-link" data-bs-toggle="tab" data-bs-target="#menu4">
                       Bootstrap
```

```
</button>
             <button class="nav-link" data-bs-toggle="tab" data-bs-target="#menu5">
                  jQuery
             </button>
        </div>
        <!-- 標籤分頁的 內容 -->
        <div class="tab-content">
            <div class="tab-pane fade show active" id="menu1">
                  <h3>HTML</h3>
                  <img src="images/html.jpg">
            </div>
            <div class="tab-pane fade" id="menu2">
                  <h3>CSS</h3>
                  <img src="images/css.jpg">
             </div>
             <div class="tab-pane fade" id="menu3">
                  <h3>JavaScript</h3>
                  <img src="images/javascript.png">
             </div>
             <div class="tab-pane fade" id="menu4">
                  <h3>Bootstrap</h3>
                  <img src="images/bootstrap.jpg">
             </div>
             <div class="tab-pane fade" id="menu5">
                  <h3>jQuery</h3>
                  <img src="images/jQuery.png">
             </div>
         </div>
</main>
<footer class="row bg-primary py-5">
    <div class="row mx-0 justify-content-center align-items-center w-100">
         <div class="text-center text-light bg-dark w-50">
              <div>
                   <strong>聯絡資訊</strong>
              </div>
              <div>
```

```
<strong>電話:(02)25381111</strong><br>
                          <strong>地址:台北市大直街 70 號(L 棟 4 樓)</strong>
                     </div>
                </div>
           </div>
     </footer>
 </body>
 </html>
pageTab.css
 header { height: 80px;
                     color: #ffffff; background-image:linear-gradient(0deg, #3381b0, #c2196c);
                     font-size: large; line-height: 80px;
 }
 main { min-height: 70vh;
 }
 /* style the 標籤分頁 導覽列 */
 .tab-content img {
     width: 300px;
     height: 250px;
     display: block;
     margin-left:auto;
     margin-right:auto;
 }
 h3 {
     text-align:center;
 }
 .nav-tabs .nav-link.active {
     background-color: cyan;
     color:black;
 }
 nav.link {
     color:darkorchid;
```

}

}

.nav-tabs {

border-bottom: 1px solid red;

```
.tab-content h3 {
    padding:20px;
    color:darkviolet;
}
```

pageTab.js

```
function showInfo(evt, pageType) {
    var i, tabContent, tablinks;
    tabContent = document.getElementsByClassName("tabContent");
    for (i = 0; i < tabContent.length; i++) {
        tabContent[i].style.display = "none";
    }
    tablinks = document.getElementsByClassName("tablinks");
    for (i = 0; i < tablinks.length; i++) {
        tablinks[i].className = tablinks[i].className.replace(" active", "");
    }
    document.getElementById(pageType).style.display = "block";
    evt.currentTarget.className += " active";
}</pre>
```

動態網頁設計(單元十九) jQuery介紹(1)

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>jQuery 第 1 次上課 Unit 1</title>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
    <script src="js/my-jquery01.js"></script>
    <style>
         #flip, #panel {
            padding: 5px;
            background-color: #e5eecc;
            border: solid 1px #c3c3c3;
            width: 30%; text-align: left;
         }
         .p01, .p02 {
            display: none;
    </style>
</head>
<body><center>
    <h1>Learn jQuery</h1>
    This is a paragraph.
    This is another paragraph.
    <div><font color="blue">Hello! How are you.</font></div>
    This is the last paragraph.
    <div><font color="red">Pretty Good. As usual.</font></div>
    <br>
    <div id="div1" style="width:80px;height:80px;display:none;background-color:red;"></div><br/>br>
    <div id="div2" style="width:80px;height:80px;display:none;background-color:green;"></div><br/>br>
    <div id="div3" style="width:80px;height:80px;display:none;background-color:blue;"></div><br/>br>
    <div id="div4" style="width:80px;height:80px;display:none;background-color:yellow;"></div><br/>br>
    <br>
    <button id="hide">隱藏</button>
```

```
<button id="show">顯示</button>
   <button class="toggle">隱藏/顯示</button>
   <button class="fadToggle">淡入/淡出</button>
   <br>><br>>
   <h2>Q & amp A</h2>
   <section id="flip" class="flip01">Q1: 如何查會員資訊?</section>
   <section id="panel" class="p01">Answer: 有三個步
驟. ......<br>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;
驟 1: xxxyyyy</section>
   <section id="flip" class="flip02">Q2: 如何才能獲得優惠?</section>
   </re>
</html>
<!DOCTYPE html>
<html>
<head>
   <meta charset="utf-8">
   <title>JavaScript 第 12 次上課 Unit 2</title>
   <link rel="stylesheet" href="css/my style.css">
   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
   <script src="js/my-jquery02.js"></script>
</head>
<body>
   <button>jQuery</button><br><br>
   <h1> my Job</h1>
   <div> 練習 add class</div>
   練習 remove class
   <h3></h3>
</body>
</html>
```

my-jquery01.js

```
$(function(){
  $("#hide").click(function(){
     $("p").hide(1000);
  });
  $("#show").click(function(){
     $("p").show(1000);
  });
  $(".toggle").click(function(){
     $("div").toggle(1000);
  });
  $(".fadToggle").click(function(){
     $("#div1").fadeToggle();
     $("#div2").fadeToggle("slow");
     $("#div3").fadeToggle(3000);
 $("#div4").fadeToggle("fast");
  });
  $(".flip01").click(function(){
     $(".p01").slideToggle("slow");
  });
  $(".flip02").click(function(){
     $(".p02").slideToggle("slow");
  });
});
my-jquery02.js
$(function(){
 $("button").click(function(){
 $(this).html("Click");
 $(this).css({"background": "#d5f285", "font-size": "2em", "color": "blue"});
          $("h1").html("Not my Job").css("color", "#07398a");
 $("div").addClass("textRed");
 $("p").removeClass("textRed");
("h3").html("Width : "+ ("div").width() + "px < br > Height: " + ("div").height() + "px < br > ");
 });
});
```

動態網頁設計(單元二十) jQuery介紹(2)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>jQuery: sidemenu 練習</title>
    <!-- Bootstrap 5 -->
    link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.2/dist/js/bootstrap.bundle.min.js"></script>
    <!-- my 5 CSS -->
    <link rel="stylesheet" href="css/sidemenu.css">
    <!-- iQuery -->
     <script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
    <!-- my js -->
    <script src="js/sidemenu.js"></script>
    <!-- font awesome -->
    link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.8.1/css/all.css">
     <style>
         header { height: 80px;
                    color: #ffffff; background-image:linear-gradient(0deg, #3381b0, #c2196c);
                    font-size: large; line-height: 80px;
         main { min-height: 60vh;
   </style>
</head>
<body>
    <header class="col text-center font-weight-bold">Side Menu</header>
    <main class="container-all">
         <div class="container-left">
```

```
<nav id="sidebar">
                 <!-- show/hide button -->
                 <button type="button" id="collapse" class="collapse-btn">
                     <i class="fas fa-chevron-left"></i>
                 </button>
                 <!-- Menu List -->
                 ul class="list-unstyled pt-5">
                     生活娛樂
                     <|i>
                          <a href="#">首頁 Home<i class="fas fa-home"></i></a>
                     <1i>
                          <a href="#sublist" data-bt-toggle="collapse" id="dropdown">好聽的音樂
<i class="fas fa-music"></i></a>
                          ul id="sublist" class="list-unstyled collapse">
                              \langle |i\rangle
                                  <a href="#">流行音樂</a>
                              <1i>
                                  <a href="#">校園音樂</a>
                              <a href="#">搖滾音樂</a>
                              <\!\!/ul\!\!>
                     <li>
                          <a href="#">好看的影片<i class="fas fa-file-video"></i></a>
                     <1i>
                          <a href="#">好吃的餐廳<i class="fas fa-utensils"></i></a>
                     </nav>
        </div>
        <div class="container-right">
```

```
<h3>我的生活娛樂</h3>
          </div>
      </main>
      <footer class="row bg-primary py-5">
           <div class="row mx-0 justify-content-center align-items-center w-100">
                <div class="text-center text-light bg-dark w-50">
                     < div >
                          <strong>聯絡資訊</strong>
                     </div>
                     <div>
                          <strong>電話:(02)25381111</strong><br>
                          <strong>地址:台北市大直街 70 號(L 棟 4 樓)</strong>
                     </div>
                </div>
           </div>
     </footer>
 </body>
 </html>
sidemenu.css
 .container-all {
      display:flex;
      align-items: stretch;
 }
 #sidebar {
      width: 150px;
      height:100vh;
      background-color: lime;
      transition: 1s;
 }
 #sidebar.active {
      margin-left: -120px;
 }
 . container-right \{\\
      background-color: yellow;
      height: 100vh;
```

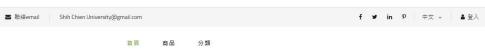
```
width: 100%;
}
.collapse-btn {
     position:relative;
     background-color: skyblue;
     border:none;
     font-size:25px;
     color:snow;
     float:right;
}
.collapse-btn:hover {
     background-color: orange;
}
#sidebar p {
     text-align: center;
     font-size:20px;
     font-style: italic;
}
#sidebar ul li a {
     padding: 10px;
     color:indigo;
     display:block;
     font-size: 15px; text-decoration: none;
}
#sidebar ul li a:hover {
     color:white;
     background-color: indigo;
}
.container-right h3 {
     text-align: center;
     padding: 20px;
}
.fas {
     float:right;
ul ul li a {
     background-color: rgb(203, 142, 247);
     font-style:italic;
}
```

sidemenu.js

```
$(document).ready(function(){
    $("#collapse").on("click", function(){
        $("#sidebar").toggleClass("active");
        $(".fa-chevron-left").toggleClass("fa-chevron-right");
    })
})
```























人氣推薦



接觸涼感 記憶枕 CHIP N COOL Q 19

宜得利【N COOL 接觸涼感】系列商品,N COOL接 觸涼感素材,會吸收身體的溫度,讓肌膚獲得涼爽 的觸感。



(網購限定)七段式可平躺矮沙發 TSUBASA3

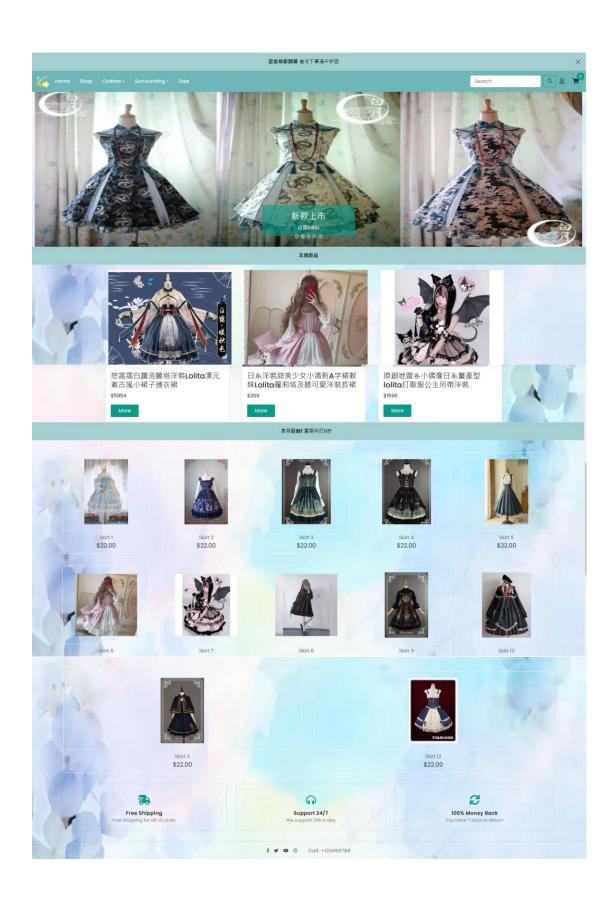
●可自由變換靠背和肘托的角度,●可完全平放,躺 氨酯泡棉厚達3.7cm,帶來舒適彈性坐感 下放鬆。●7段階調整。



(網購限定)電腦椅 辦公椅 事務椅 SHIN

小型省空間設計,居家遠距辦公最為合適●座面聚







Home
Shop
Clothes +
Surrounding +
Sale

Search

您想要尋找甚麼? 接等











濾掛式咖啡-薩吉索G1日曬

Top 1



原味奶油菠蘿---

將菠蘿中包人安佳奶油,使菠蘿中再增加濃郁度與 鹹香,將菠蘿的煎味再次昇華,是傳統中的經典遊 味。

★蛋奶素

Top 2



粉紅兔兔-甜蜜草莓

\$550/绝型電磁 廣應又可愛的粉紅兔兔塘型電碟讓少女心噴發,粉 樂粉積的外型點於你來的心。使用看數可口的結香 個层電標、格上葡萄斯和語章展斯、繼有Q禪可 口的布丁與菊果Q東,是你不可能遇的好滋味。

Top 3



- 顆檸檬紅茶

\$65/大(冰/熱) 整賴黃檸檬新鮮現權。佐以紅茶調製。嚴細中帶點 芳香風味,品嚐到最純粹的飲品享受。

★熱量(大卡)-冰:295.1/大 熱:332.7/大

Top 4



比利時伯爵可可

\$60/中 嚴選使用蓋臺資比利時頂級可可約,精心調製的日式持種風味描配優雅的英式伯爵茶,人口為濃厚的 可可善,尾觀淡淡的伯爵茶等。 信得細細品味 ※為保持完與風味,飲品甜度園定,僅可調整冰塊。

Top 5



伯爵拿鐵咖啡

Top 6



熟成蜜桃紅茶

Top 7



法式檸檬塔

\$70/以月 香酥法式馆皮內擠上的檸檬餡,蒙塵使用比利時頂 級遷籬賽白巧克力、推口動物性訴奶油以及法國保 虹美萊姆和青椰果泥,酸甜平衡極致與口超消響! ★成分:法式塔皮、檸檬餡、白巧克力

Top 8







