



WEB DESIGN FINAL PROJECT

Big Data

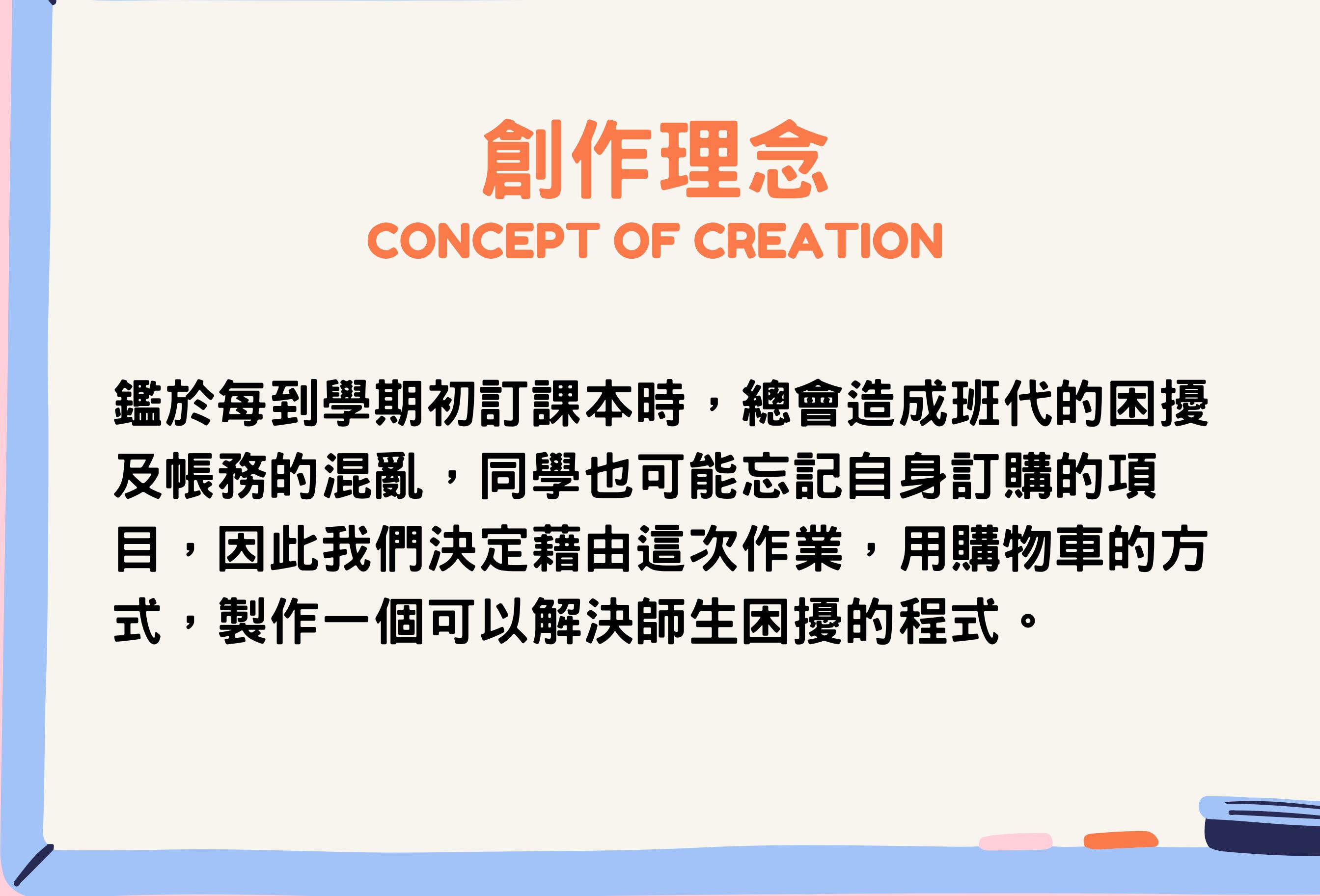
Book your books

巨資1A 第3組

創作理念

CONCEPT OF CREATION

鑑於每到學期初訂課本時，總會造成班代的困擾及帳務的混亂，同學也可能忘記自身訂購的項目，因此我們決定藉由這次作業，用購物車的方式，製作一個可以解決師生困擾的程式。



OUR TEAM MEMBERS



09170126宋乃玟



09170110孟家瑜



09170107陳羽筠



09170132周韋彤



09170124陳郁惠

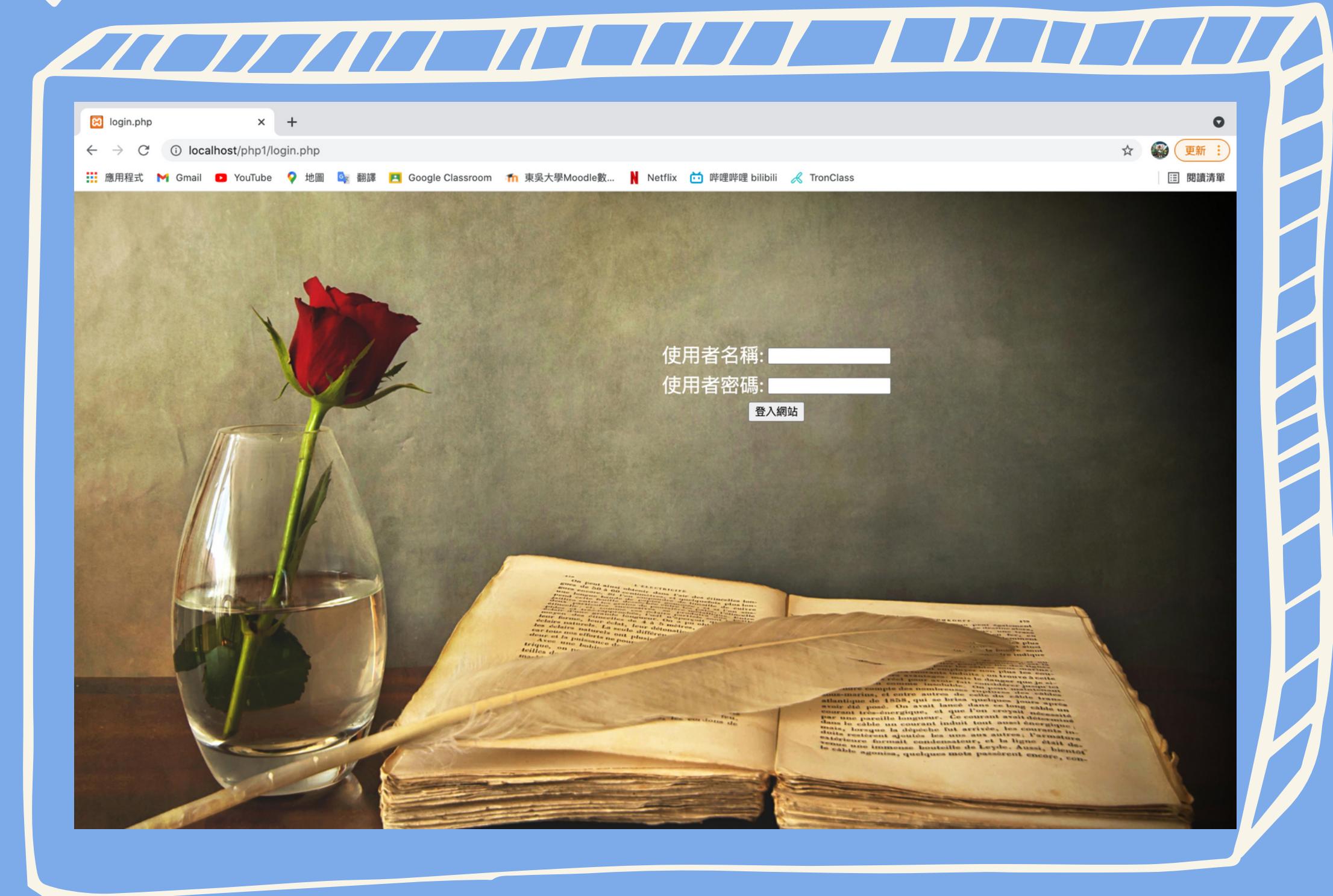


頁面及程式碼 介紹



首頁-使用者登入

確認學生身份，登入此登記課本系統。



LOGIN.PHP

登入系統之頁面

供使用者登入

需輸入使用者名稱及密碼

```
login.php ×
php1 > login.php
  9 |         | background-size:cover;
10 |     }
11 | 
```

```
</style>
12 <body background="https://www.teahub.io/photos/full/354-3545180_pictures-download-book-wallpapers-hd-background-book-and.jpg">
13 <?php
14 session_start();
15 $username = ""; $password = "";
16 if ( isset($_POST["Username"]) )
17     $username = $_POST["Username"];
18 if ( isset($_POST["Password"]) )
19     $password = $_POST["Password"];
20 if ($username != "" && $password != "") {
21     $link = mysqli_connect("localhost","root",
22                           "", "myschool")
23     or die("無法開啟MySQL資料庫連接!<br/>");
24     mysqli_query($link, 'SET NAMES utf8');
25     $sql = "SELECT * FROM students WHERE password=''";
26     $sql.= $password."' AND username='".$username."'";
27     $result = mysqli_query($link, $sql);
28     $total_records = mysqli_num_rows($result);
29     if ( $total_records > 0 ) {
30         $_SESSION["login_session"] = true;
31         header("Location: level.php");
32     } else {
33         echo "<center><font color='red'>";
34         echo "使用者名稱或密碼錯誤!<br/>";
35         echo "</font>";
36         $_SESSION["login_session"] = false;
37     }
38     mysqli_close($link);
39 }
40 ?>
41 <form action="login.php" method="post">
42 <table align="center" >
43 <tr><td><font size="5" color="white" style="position:relative; left:150px; top: 175px;">使用者名稱:</font></td>
44 <td><input type="text" name="Username"
45           size="20" maxlength="20" style="position:relative; left:150px; top: 175px;">
46 </td></tr>
47 <tr><td><font size="5" color="white" style="position:relative; left:150px; top: 175px;">使用者密碼:</font></td>
48 <td><input type="password" name="Password"
49           size="20" maxlength="20" style="position:relative; left:150px; top: 175px;">
50 </td></tr>
51 <tr><td colspan="2" align="center" style="position:relative; left:150px; top: 175px;">
52     <input type="submit" value="登入網站"/>
53 </td></tr>
```

PHPMYADMIN

使用者資訊之資料庫

在資料庫中建一個
students資料表，
使網頁取得資料庫裡
內容，加以連結。

The screenshot shows the phpMyAdmin interface for the 'myschool' database. The left sidebar lists databases: CSV_DB 7, DB_20, information_schema, library, myschool, mysql, performance_schema, phpmyadmin, and test. The 'students' table under the myschool database is selected. The top navigation bar includes tabs for Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Monitoring, and Triggers.

In the main area, a SQL query is run:

```
UPDATE `students` SET `username` = 'selina' WHERE `students`.`sno` = 'S004';
```

A success message indicates 5 rows affected in 0.0006 seconds:

顯示第 0 – 4 列 (總計 5 筆, 查詢用了 0.0006 秒。)

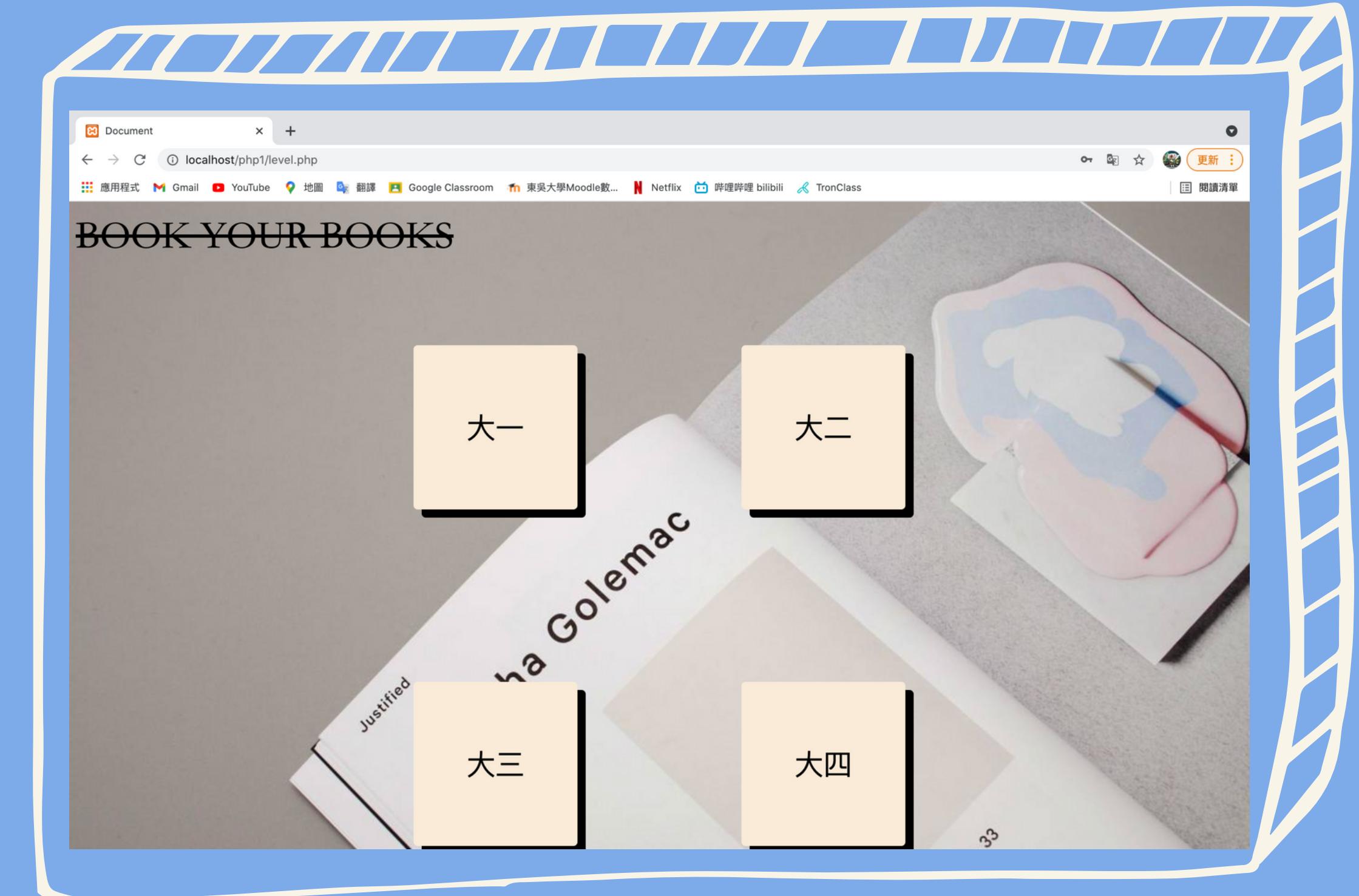
The table data is as follows:

	sno	name	address	birthday	username	password
<input type="checkbox"/>	S001	陳羽筠	新北市五股區	1997-10-05	ruby	1234
<input type="checkbox"/>	S002	陳郁惠	新北市中和區	1996-01-02	betty	1234
<input type="checkbox"/>	S003	周韋彤	台北市松山區	1998-05-01	vanessa	1234
<input type="checkbox"/>	S004	孟家瑜	台北市大安區	1995-07-22	selina	1234
<input type="checkbox"/>	S005	宋乃玟	台北市信義區	1996-03-01	eowyn	1234

At the bottom, there are buttons for Print, Copy to Clipboard, Export, Show Chart, and Add View.

系統主頁

此頁面供使用者選擇年級。



LEVEL.PHP

系統主頁

含有四個年級按鈕
供使用者選擇年級

```
level.php X
php1 > level.php
1 <title>level.php</title>
2
3 <style>
4 body{
5     text-decoration:line-through;
6 }
7 body{
8     background-size:cover;
9 }
10 button{
11     width: 200px;
12     height: 200px;
13     color:black;
14     background-color:antiquewhite;
15     border-radius: 5px;
16     border-width: 0;
17     margin: 0;
18     outline: none;
19     font-family: KaiTi;
20     font-size: 35px;
21     text-align: center;/
22     cursor: pointer;
23     box-shadow:10px 10px;
24 }
25 button:hover{
26     background-color: #D6D6FF;
27 }
28 </style>
29 </head>
30 <body>
31 <font color= "black" face="serif" size="30">BOOK YOUR BOOKS</font>
32 <center>
33 <button type="button" value="spcart" onclick="location.href='http://localhost:80/php1/catalog-1.php'" style="position:relative; right:200px; top: 100px;">大一</button>
34 <button type="button" value="spcart" onclick="location.href='http://localhost:80/php1/catalog-2.php'" style="position:relative; left:200px; top: -100px;">大二</button>
35 <button type="button" value="spcart" onclick="location.href='http://localhost:80/php1/catalog-3.php'" style="position:relative; right:200px; top: 110px;">大三</button>
36 <button type="button" value="spcart" onclick="location.href='http://localhost:80/php1/catalog-4.php'" style="position:relative; left:200px; top: -90px;">大四</button>
37
38 <body bgcolor="#cccccc">
39 <body bgcolor="orange">
40 <body background="https://64.media.tumblr.com/a9aa5a6accce9a3da538f76c796a6078/tumblr_nte3yuBSWd1qm3r26o1_1280.jpg">
41
42 </center>
43 </body>
44 </html>
```

各年級頁面

包含下拉式課本選單、加入購物車按鈕、商品目錄、課本數量、金額以及檢視購物車功能。



The screenshot shows a web browser window titled "catalog.php" with the URL "localhost/php1/catalog-1.php". The page displays a table of books with columns for 编號 (ID), 書名 (Title), 圖片 (Image), and 價格 (Price). A dropdown menu is open over the first book entry, listing four options:

- 網頁設計範例教本(第五版) - \$580
- Linear Algebra - \$900
- Python王者歸來 - \$1080
- Calculus - \$1100

The dropdown also includes a link to "21st Century Reading with TED Talks Level 3 Tea, Blass, Vargo, Wisniewska. - \$857". There is a "加入購物車" (Add to Cart) button next to the dropdown.

編號	書名	圖片	價格
S001	網頁設計範例教本<第五版>		\$580
S002	Linear Algebra		\$900
S003	Python王者歸來		\$1080

CATALOG.PHP



各年級頁面，此處以大二為例

```
4  <meta charset="utf-8" />
5  <title>catalog.php</title>
6  <center>
7  <?php
8  session_start();
9  if ( isset($_POST["Item"]) ) {
10     $_SESSION["Quantity"] = $_POST["Quantity"];
11     $id = $_POST["Item"];
12     $_SESSION["ID"] = $id;
13     switch (strtoupper($id)) {
14         case "S006":
15             $_SESSION["Name"] = "基礎統計學";
16             $_SESSION["Price"] = 300;
17             break;
18         case "S007":
19             $_SESSION["Name"] = "Big-Data Analytics";
20             $_SESSION["Price"] = 1420;
21             break;
22         case "S008":
23             $_SESSION["Name"] = "Marketing Management: An Asian Perspective(7版)";
24             $_SESSION["Price"] = 1320;
25             break;
```



設定 商品編號/名稱/金額

```
26     case "S009":
27         $_SESSION["Name"] = "Introduction to Managerial Accounting (8版) ";
28         $_SESSION["Price"] = 1152;
29         break;
30     case "S010":
31         $_SESSION["Name"] = "資料科技導論";
32         $_SESSION["Price"] = 5216;
33         break;
34     case "S011":
35         $_SESSION["Name"] = "物聯網概論";
36         $_SESSION["Price"] = 425;
37         break;
38     case "S012":
39         $_SESSION["Name"] = "心理學";
40         $_SESSION["Price"] = 1708;
41         break;
42     case "S013":
43         $_SESSION["Name"] = "21st Century Reading 3: Creative Thinking and R, Yeates, Vargo, Longshaw, Bl,.";
44         $_SESSION["Price"] = 1689;
45         break;
46     }
47     header("Location: savecart.php");
48 }
49 }
```

CATALOG.PHP



各年級頁面，此處以大二為例

下拉式選單 / 數量輸入框
加入購物車 / 檢視購物車



```
php1 > catalog-2.php
  ↗
50  ?>
51  </head>
52  <style>
53  body{
54  |   background-size:cover;
55  }
56 </style>
57 <body bgcolor="antiquewhite" text="black">
58 <form action="catalog-2.php" method="post">
59 選擇商品:
60 <select name="Item">
61 <option value="S006">基礎統計學 - $300</option>
62 <option value="S007">Big-Data Analytics - $1420</option>
63 <option value="S008">Marketing Management: An Asian Perspective (7版)- $1320</option>
64 <option value="S009">Introduction to Managerial Accounting (8版) - $1152</option>
65 <option value="S010">資料科技導論 - $5216</option>
66 <option value="S011">物聯網概論 - $425</option>
67 <option value="S012">心理學 - $1708</option>
68 <option value="S013">21st Century Reading 3: Creative Thinking and R, Yeates, Vargo, Longshaw, Bl,. - $1689</option>
69 </select>
70 <input type="text" size="5" name="Quantity" value="1"/>
71 <input type="submit" value="加入購物車"/>
72 </form>
73 <hr/>| <a href="level.php">商品目錄</a>
74 | <a href="shoppingcart.php">檢視購物車</a> |
75 </body>
76 <table style="border:3px black dashed;" cellpadding="10" border='1'>
77 <caption>商品目錄</caption>
78 <thead>
79 <tr>
80 <th>編號</th>
81 <th>書名</th>
82 <th>圖片</th>
83 <th>價格</th>
84 </tr>
```

CATALOG.PHP

各年級頁面，此處以大二為例

第一頁目錄

含 回到上一頁 / 前往下一頁 功能

```
php1 > catalog-2.php
85   </thead>
86   <tbody>
87   <tr>
88     <td>S006</td>
89     <td>基礎統計學</td>
90     <td></td>
91     <td>$300</td>
92   </tr>
93   <tr>
94     <td>S007</td>
95     <td>Big-Data Analytics</td>
96     <td></td>
97     <td>$1420</td>
98   </tr>
99   <tr>
100    <td>S008</td>
101    <td>Marketing Management: An Asian Perspective(7版)</td>
102    <td></td>
103    <td>$1320</td>
104  </tr>
105  <tr>
106    <td>S009</td>
107    <td>Introduction to Managerial Accounting (8版) </td>
108    <td></td>
109    <td>$1152</td>
110  </tr>
111  </tbody>
112 </table>
113 <input type="button" onclick="history.back()" value="回到上一頁"></input>
114 <input type="button" onclick="javascript:location.href='http://localhost:80/php1/catalog-2-2.php'" value="前往下一頁" style="margin-left:50px;"></input>
115 </center>
116 </html>
```



購物車

顯示使用者所選購之書籍、金額、總金額，並有刪除及確認訂購功能。

A screenshot of a web browser window titled "shoppingcart.php" from "localhost/php1/shoppingcart.php". The browser's address bar shows the same URL. The page content is a table of books in a shopping cart, with a total amount at the bottom. There are links for "確認訂購" (Confirm Purchase) and "商品目錄" (Product Catalog).

功能	編號	名稱	價格	數量
刪除	S006	基礎統計學	300	1
刪除	S014	資料結構與演算法	360	1
刪除	S025	Machine Learning and AI for Healthcare	1143	1
總金額 = NT\$1803元				

[確認訂購](#)

| [商品目錄](#) | [檢視購物車](#) |

SHOPPINGCART.PHP

購物車功能

顯示使用者所選購之書籍名稱/
數量/金額/總金額

```
33     $price = 0;
34     $quantity = 0;
35     while ( list($name, $value)=each($_COOKIE[$arr])) {
36         echo "<td>" . $value . "</td>";
37         if ($name == "Price") $price = $value;
38         if ($name == "Quantity") $quantity = $value;
39     }
40     $total += $price * $quantity;
41     echo "</tr>";
42 }
43 }
44 if ($total != 0) {
45     echo "<tr bgcolor=#ABABAB><td colspan=5 align=right>";
46     echo "總金額 = NT$".$total."元</td></tr>";
47 }
48 ?>
49 </table>
50 <input type ="button" onclick="location.href='http://localhost:80/php1/submit.php'" value="確認訂購";></input>
51 <hr/> | <a href="level.php">商品目錄</a>
52 | <a href="shoppingcart.php">檢視購物車</a> |
53 </center>
```

```
● shoppingcart.php ×
php1 > ● shoppingcart.php
8     <style>
9         body{
10             background-size:cover;
11         }
12     </style>
13     <body bgcolor="antiquewhite" text="black">
14     <table border="0">
15         <tr bgcolor="#CC99FF">
16             <td>功能</td><td>編號</td><td>名稱</td>
17             <td>價格</td><td>數量</td></tr>
18     <?php
19     $flag = false; $total = 0;
20     while ( list($arr, $value) = each($_COOKIE) ) {
21         if ( isset($_COOKIE[$arr]) &&
22             is_array($_COOKIE[$arr]) ) {
23             if ($flag) {
24                 $flag = false;
25                 $color="#D6D6FF";
26             } else {
27                 $flag = true;
28                 $color="#E8C9FF";
29             }
30             echo "<tr bgcolor='".$color."'><td>";
31             echo "<a href='delete.php?Id=".$arr.">";
32             echo "刪除</a></td>";
```

DELETE.PHP

刪除按鈕

使用者檢視購物車時，
可點選"刪除"來刪掉不
需要的項目。

```
🐘 delete.php ×

php1 >🐘 delete.php
1  <?php
2  $id = $_GET["Id"];
3  if ( isset($_COOKIE[$id]) ) {
4      while ( list($name, $value) = each($_COOKIE[$id]) )
5          setcookie($id."[$name]", "", time()-3600);
6  }
7  header("Location: shoppingcart.php");
8  ?>
```



```
🐘 savecart.php ●  
php1 >🐘 savecart.php  
1  <?php  
2  session_start();  
3  if ( isset($_SESSION["ID"]) ) {  
4      $id = $_SESSION["ID"];  
5      $name = $_SESSION["Name"];  
6      $price = $_SESSION["Price"];  
7      $quantity = $_SESSION["Quantity"];  
8      setcookie($id."[ID]", $id, time()+3600);  
9      setcookie($id."[Name]", $name, time()+3600);  
10     setcookie($id."[Price]", $price, time()+3600);  
11     setcookie($id."[Quantity]", $quantity, time()+3600);  
12  }  
13  header("Location: shoppingcart.php");  
14  ?>
```

當使用者點選訂購按鈕時，
即可將商品加入購物車

訂單

顯示使用者最終購買之書本清單及
金額。

A screenshot of a web browser window titled "submit.php" from "localhost/php1/submit.php". The page displays a success message and a table of purchased items. The table has columns for 编号 (Number), 名称 (Name), 價格 (Price), and 數量 (Quantity).

訂購項目			
編號	名稱	價格	數量
S006	基礎統計學	300	1
S014	資料結構與演算法	360	1
S025	Machine Learning and AI for Healthcare	1143	1
總金額 NT\$1803元			

SUBMIT.PHP

最終訂單

```
26     $price = 0;
27     $quantity = 0;
28     while ( list($name, $value)=each($_COOKIE[$arr])) {
29
30         echo "<td>" . $value . "</td>";
31         if ($name == "Price") $price = $value;
32         if ($name == "Quantity") $quantity = $value;
33     }
34     $total += $price * $quantity;
35     echo "</tr>";
36 }
37 }
38 if ($total != 0) {
39     echo "<td>總金額 NT$".$total."元</td>";
40 }
41 ?>
42 </table>
43 </center>
44 </body>
45 </html>
```

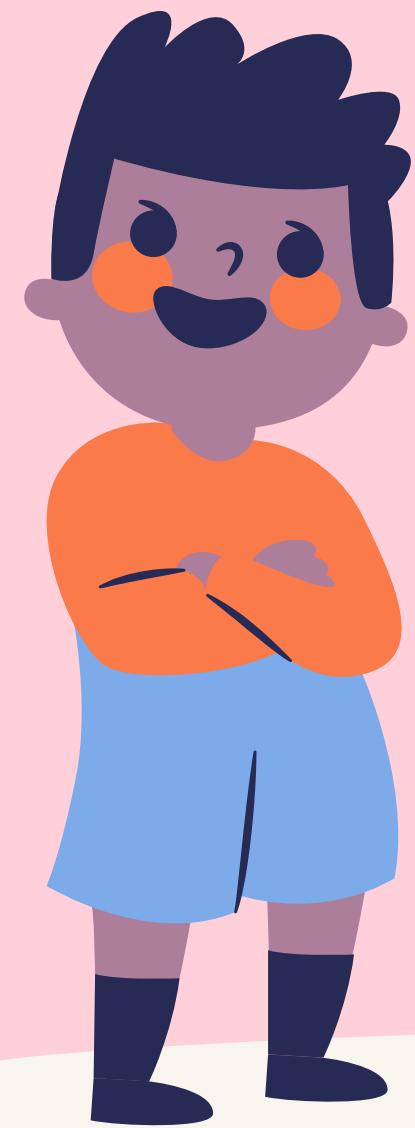
```
submit.php ×
php1 > submit.php
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <meta charset="utf-8" />
5  <title>submit.php</title>
6  </head>
7  <center>
8  <style>
9      body{
10          background-size:cover;
11      }
12  </style>
13 <body bgcolor="antiquewhite" text="black">
14 <table border="0">
15 <tr><td>訂購項目</td></tr>
16 <tr><td>編號</td><td>名稱</td>
17 <td>價格</td><td>數量</td></tr>
18 <?php
19 echo "訂購成功<br>";
20 $total = 0;
21 while ( list($arr, $value) = each($_COOKIE) ) {
22     if ( isset($_COOKIE[$arr]) &&
23         is_array($_COOKIE[$arr]) ) {
```

顯示最終訂購之書籍清單

(含品項 / 金額 / 總額)

供使用者確認

實際執行



<http://localhost/php1/login.php>



製作心得



這次的報告做的購物車沒有想像中的容易，我們運用登入系統配合購物車，起初的購物車一直失敗，進度停滯了很久，後來改了一些方法之後，才有所進展，合併書籍之後的檔案數量眾多，於是我們配合按鈕來做換頁，經過詢問老師跟反覆嘗試之後學到了很多，做出了連接資料庫的完整系統。

RESOURCES

https://www.teahub.io/photos/full/354-3545180_pictures-download-book-wallpapers-hd-background-book-and.jpg
https://64.media.tumblr.com/a9aa5a6accce9a3da538f76c796a6078/tumblr_nte3yuBSWd1qm3r26o1_1280.jpg
<https://cf.shopee.tw/file/f202f1991f3e91ec61b3fb3d0767fb67>
<https://cf-assets2.tenlong.com.tw/products/images/000/110/208/original/51EFcYNw8WL.jpg?1525601139>
https://img.ruten.com.tw/s2/9/a9/ca/21720303671754_953.jpg
<https://cdn.wallpapersafari.com/89/58/d7KAOh.jpg>
<https://images-na.ssl-images-amazon.com/images/I/91xj04y3LiL.jpg>
<https://www.flag.com.tw/assets/img/bookpic/F7832A.jpg>
https://img.ruten.com.tw/s2/f/db/c4/21737085218756_114.jpg
https://img.ruten.com.tw/s1/3/66/67/21752494785127_657.jpg
https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcT4DjRFXZ3EshzuAgx3Dnv23vau5YUegbXGbG60i_Dk0dfNcfPs2-3cgbJB4TwmqivDCqk&usqp=CAU
https://img.ruten.com.tw/s2/4/cf/6a/22005257875306_370.jpg
<https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcQ46Nu2U6o4dk3qozZ0qxETfzQiABqhmrTK1JHKGOgZemh9ZUz>
<https://cf-assets2.tenlong.com.tw/products/images/000/125/838/webp/9789865002930.webp?1540521087>
https://img.ruten.com.tw/s2/e/9f/84/21628074993540_70.jpg
<https://im2.book.com.tw/image/getImage?i=https://www.books.com.tw/img/001/079/31/0010793103.jpg&v=5b45dc6d&w=250&h=250>
https://d.ecimg.tw/items/DJAV0SA9006URDA/000001_1478504971.jpg
https://b.ecimg.tw/items/DJAV0SA9005OEML/000001_1478369843.jpg
<https://cdn.wallpapersafari.com/89/58/d7KAOh.jpg>
https://cdn.readmoo.com/share/cover/pr/kqkzukj_460x580.jpg?t=1522018556

The End

我們的介紹到此結束，謝謝大家。

