

## 多媒體網頁設計及互動程式設計文憑課程

### Part II: Interactive Application Development (Lesson 28)

#### Content:

1. Introduction to PHP and server-side programming / Installation and Configuration of Apache 2 and PHP 5 on Windows platform
2. Basic PHP Syntax : Data Types, Variables, Arrays, Function and Loop
3. Introduction of Database Programming and MySQL / Installation and Configuration of MySQL 5 and related utilities
4. Implementing user authentication and authorization using cookie and session (Building a membership system)
5. SQL & Database Programming in PHP I (Corporate News with Content Management System)
6. SQL & Database Programming in PHP II (Search function, Interactive Enquiry Forms, Online Questionnaire and Hit Counter)
7. Online Product Catalogue with Content Management System
8. Shopping Cart and Payment Gateway Integration
9. Interactive Voting System and Interactive Bidding System
10. Online Forum Setup and Configuration using phpBB



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## 9 INTERACTIVE VOTING SYSTEM AND INTERACTIVE BIDDING SYSTEM

### 概要

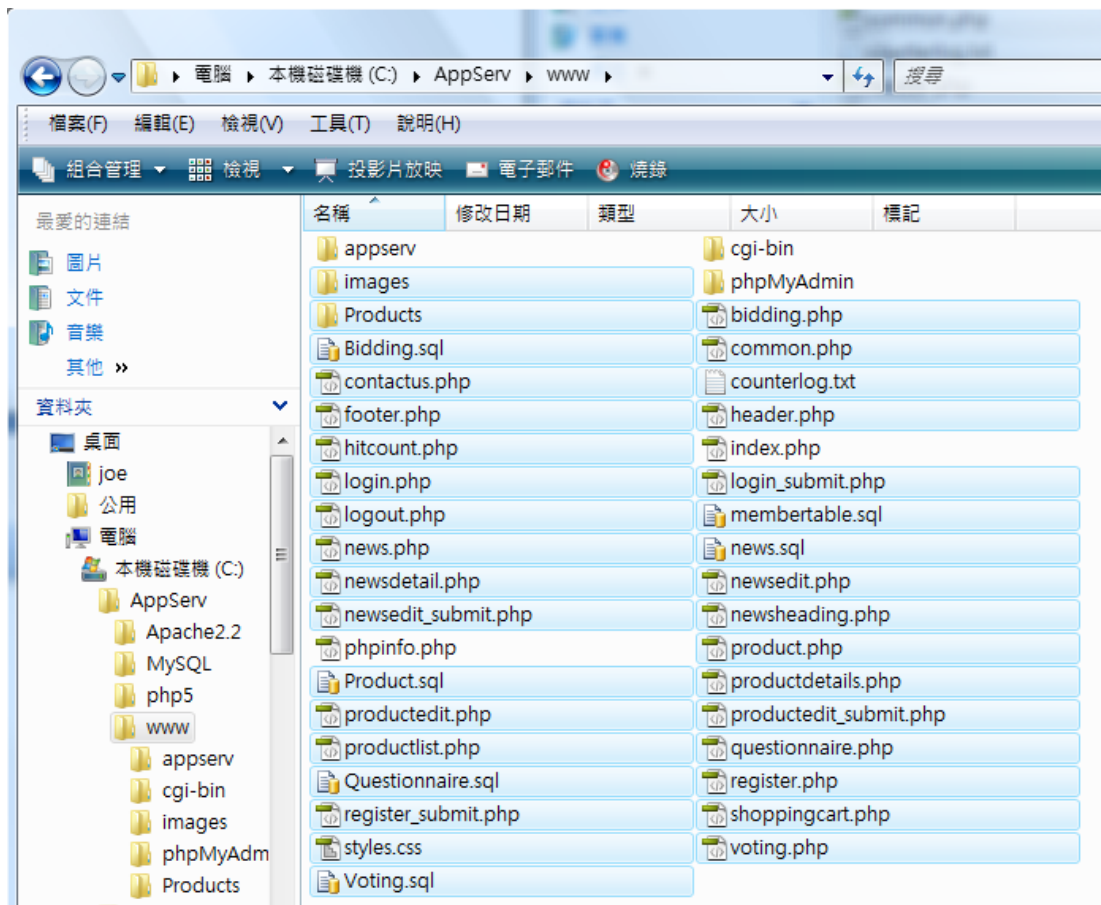
- 互動投票模組開發
- 互動拍賣模組開發
- 資源

## 9.1 互動投票模組開發

- 互動投票資料庫
- 互動投票網頁之開發
- 資源

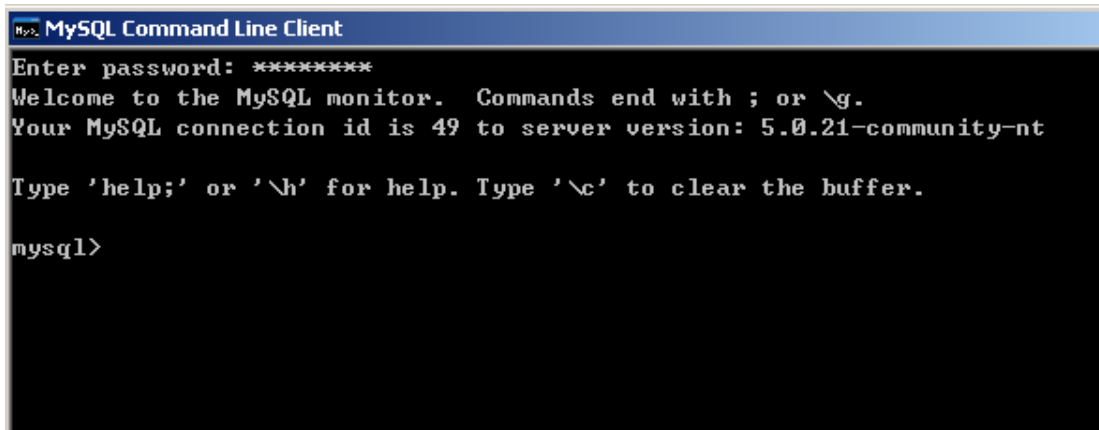
## 互動投票資料庫

➤ 複製 Ch09 “Start”文件夾的檔案到 C:\AppServ\www 文件夾



➤ 創建互動投票資料庫

1. 開啟你的 **MySQL Console**。
2. 按下 **Start | Programs | AppServ | MySQL Command Line Client**. 於 **MySQL Command Line Client**, 輸入密碼 “password” 用作登入 MySQL 資料庫。



```
MySQL Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 49 to server version: 5.0.21-community-nt

Type 'help;' or 'h' for help. Type 'c' to clear the buffer.

mysql>
```

3. 複製以下文字把它貼到 **MySQL Command Line Client** 中。它會自動執行以創建出會員資料庫。

```
[voting.sql]

USE test;

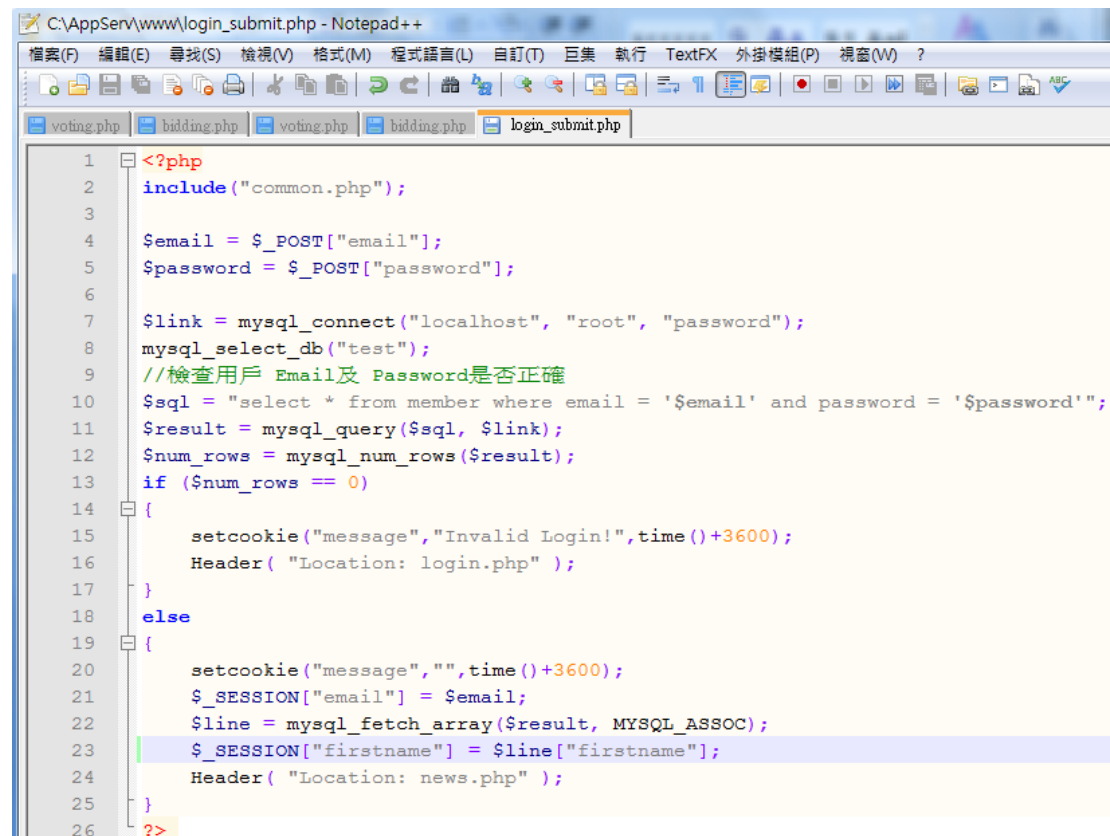
DROP TABLE IF EXISTS Voting;

CREATE TABLE Voting (
  id int NOT NULL auto_increment,
  voption int NOT NULL,
  createby int NOT NULL,
  createdate datetime DEFAULT '0000-00-00 00:00:00' NOT NULL,
  PRIMARY KEY (id)
);
```

## 互動投票網頁之開發

### ➤ 創建互動投票網頁

1. 我們打開 login\_submit.php 與 NotePad++。



```

1  <?php
2  include("common.php");
3
4  $email = $_POST["email"];
5  $password = $_POST["password"];
6
7  $link = mysql_connect("localhost", "root", "password");
8  mysql_select_db("test");
9  //檢查用戶 Email及 Password是否正確
10 $sql = "select * from member where email = '$email' and password = '$password'";
11 $result = mysql_query($sql, $link);
12 $num_rows = mysql_num_rows($result);
13 if ($num_rows == 0)
14 {
15     setcookie("message", "Invalid Login!", time()+3600);
16     Header( "Location: login.php" );
17 }
18 else
19 {
20     setcookie("message", "", time()+3600);
21     $_SESSION["email"] = $email;
22     $line = mysql_fetch_array($result, MYSQL_ASSOC);
23     $_SESSION["firstname"] = $line["firstname"];
24     Header( "Location: news.php" );
25 }
26 ?>

```

2. 在 login\_submit.php 的第 24 行，增加以下代碼。

```

$_SESSION["firstname"] = $line["firstname"];
$_SESSION["id"] = $line["id"];
Header( "Location: news.php" );

```

### 3. 我們打開 voting.php 與 NotePad++。

```

1  <?php
2  include("common.php");
3  logincheck();
4
5  $link = mysql_connect( "localhost", "root", "password" );
6  mysql_select_db( "test" );
7
8  $id = $_SESSION["id"];
9  $action = ( isset( $_GET["action"] ) ? $_GET["action"] : "" );
10
11 if ( $action == "vote" )
12 {
13     $option = ( isset( $_POST["vote"] ) ? $_POST["vote"] : "" );
14
15     $sql = "";
16
17     mysql_query( $sql, $link );
18     Header( "Location: voting.php" );
19 }
20
21 include("header.php");
22 ?>
23
24 <tr>
25     <td valign="top" class="bgColor">
26         <table width="760" border="0" cellspacing="0" cellpadding="0">
27             <tr>
28                 <td width="10" height="30" class="content">&nbsp;</td>
29                 <td width="740" height="30" class="heading">Online Voting </td>
30             </tr>

```

### 4. 在 voting.php 的第 8 行，修改以下代碼。

```
$id = $_SESSION["id"];
```

### 5. 在 voting.php 的第 15 行，修改以下代碼。

```
$sql = "INSERT INTO Voting (voption, createby, createdate ) VALUES ('$option', '$id', NOW() );";
```

### 6. 在 voting.php 的第 36 行，修改以下代碼。

```
$sql = "SELECT * FROM products";
```



7. 在 voting.php 的第 52~55 行，修改以下代碼。

```
" width="194" height="240" class="imgBorder"><br>
<input name="vote" type="radio" value="<?=$line["id"];?>">
<B><?=$line["name"];?><br>
by <?=$line["supplier"];?></B>
```

8. 在 voting.php 的第 73 行，修改以下代碼。

```
//檢查用戶投票了沒有
$sql = "SELECT * FROM voting WHERE createby = '$id'";
```

9. 在您的瀏覽器中登入後載入 <http://localhost:8080/voting.php>。

The screenshot shows a web browser window titled "ABCD Company - Windows Internet Explorer". The address bar displays "http://localhost:8080/voting.php". The page content includes a navigation bar with links: "Welcome back joe! Logout", "News", "Products", "Questionnaire", "ContactUs", "Shopping Cart", "Voting", and "Bidding". Below the navigation bar, the section "Online Voting" is displayed. It features two product listings: "product 1 by supplier 1" with an image of a cruise ship, and "product 2 by supplier 2" with an image of cigarettes. A "Submit" button is located below the product listings. At the bottom of the page, it says "Page viewed 194", "ABCD Company Copyright © 2006 ABCD", and "All rights reserved."

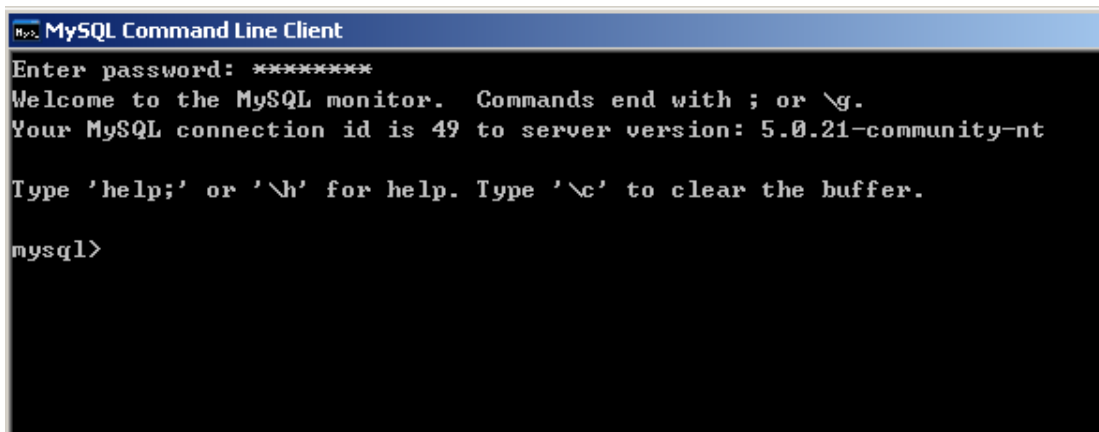
## 9.2 互動拍賣模組開發

- 互動拍賣資料庫
- 互動拍賣網頁之開發

## 互動拍賣資料庫

### ➤ 創建互動拍賣資料庫

1. 開啟你的 **MySQL Console**。
2. 按下 **Start | Programs | AppServ | MySQL Command Line Client**. 於 **MySQL Command Line Client**, 輸入密碼 “password” 用作登入 MySQL 資料庫。



```
MySQL Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 49 to server version: 5.0.21-community-nt

Type 'help;' or 'h' for help. Type 'c' to clear the buffer.

mysql>
```

3. 複製以下文字把它貼到 **MySQL Command Line Client** 中。它會自動執行以創建出會員資料庫。

```
[Bidding.sql]

USE test;

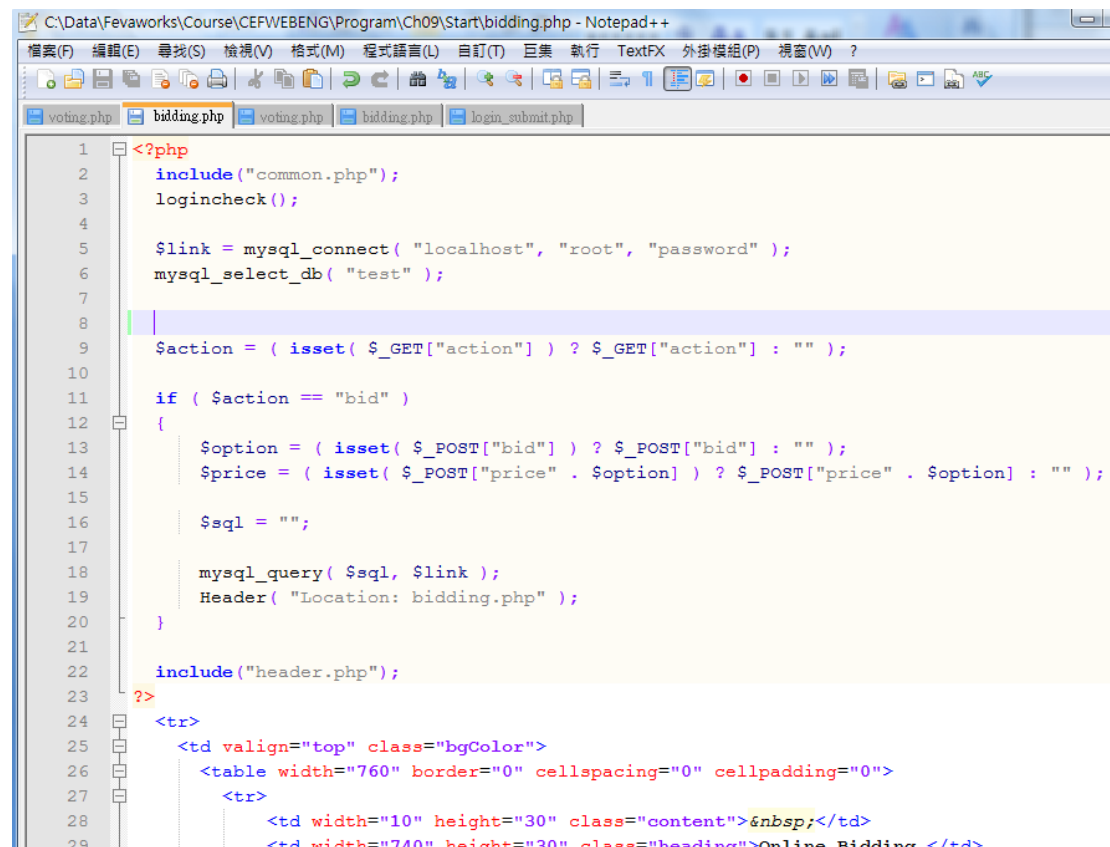
DROP TABLE IF EXISTS Bidding;

CREATE TABLE Bidding (
  id int NOT NULL auto_increment,
  boption int NOT NULL,
  price float(10, 2) NOT NULL,
  createby int NOT NULL,
  createdate datetime DEFAULT '0000-00-00 00:00:00' NOT NULL,
  PRIMARY KEY (id)
);
```

## 互動拍賣網頁之開發

### ➤ 創建互動拍賣網頁

1. 我們打開 bidding.php 與 NotePad++。



```

1  <?php
2  include("common.php");
3  logincheck();
4
5  $link = mysql_connect( "localhost", "root", "password" );
6  mysql_select_db( "test" );
7
8
9  $action = ( isset( $_GET["action"] ) ? $_GET["action"] : "" );
10
11  if ( $action == "bid" )
12  {
13      $option = ( isset( $_POST["bid"] ) ? $_POST["bid"] : "" );
14      $price = ( isset( $_POST["price"] ) ? $_POST["price"] : "" );
15
16      $sql = "";
17
18      mysql_query( $sql, $link );
19      Header( "Location: bidding.php" );
20  }
21
22  include("header.php");
23  ?>
24  <tr>
25      <td valign="top" class="bgColor">
26          <table width="760" border="0" cellpadding="0" cellspacing="0">
27              <tr>
28                  <td width="10" height="30" class="content">&nbsp;</td>
29                  <td width="740" height="30" class="heading">Online Bidding </td>

```

2. 在 bidding.php 的第 8 行，增加以下代碼。

```
$id = $_SESSION["id"];
```

3. 在 bidding.php 的第 16 行，修改以下代碼。

```
$sql = "INSERT INTO Bidding (boption, price, createby, createdate ) VALUES ( '$option', '$price', '$id', NOW() );";
```

4. 在 bidding.php 的第 37 行，修改以下代碼。

```
$sql = "SELECT * FROM products";
```

5. 在 bidding.php 的第 45 行，修改以下代碼。

```
//檢查項目的最高價
$sql2 = "SELECT MAX(price) as maxprice FROM bidding WHERE boption = '" .
$line["id"] . "'";
```

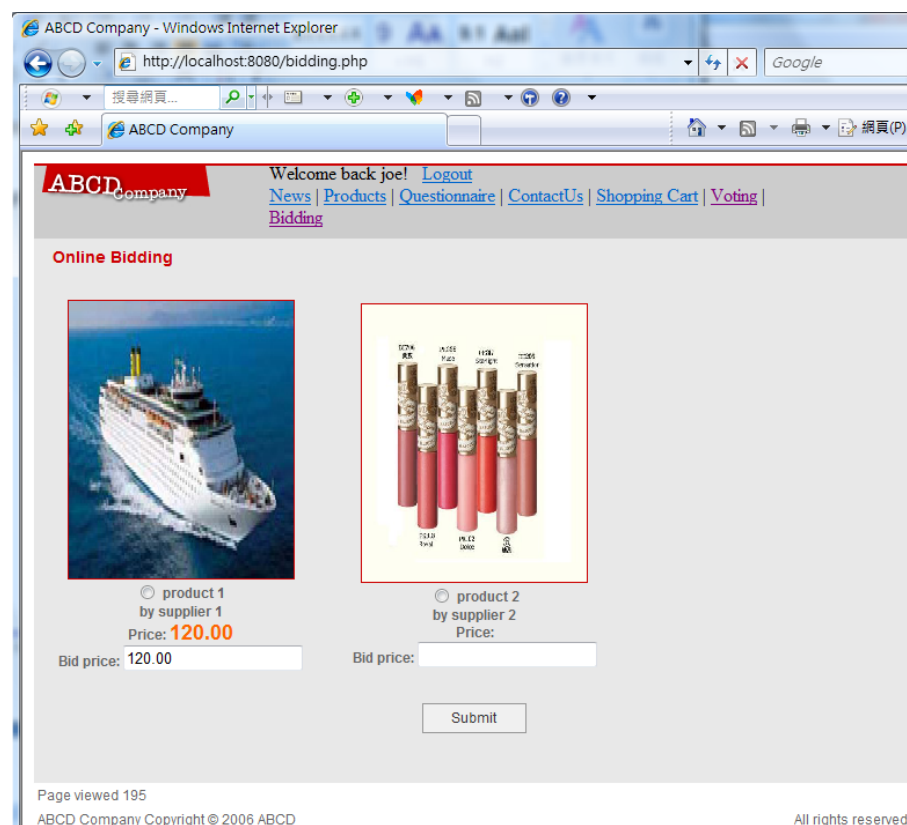
6. 在 bidding.php 的第 49 行，增加以下代碼。

```
$maxprice = $line2["maxprice"];
```

7. 在 bidding.php 的第 61~66 行，增加以下代碼。

```
" width="194" height="240" class="imgBorder"><br>
<input name="bid" type="radio" value="<?=$line["id"];?>">
<B><?=$line["name"];?><br>
by <?=$line["supplier"];?></B><br>
<b>Price: </b><span class="price"><?=$maxprice;?></span><br>
<b>Bid price: </b><input name="price<?=$line["id"];?>" type="text"
value="<?=$maxprice;?>">
```

8. 在您的瀏覽器中登入後載入 <http://localhost:8080/bidding.php>。



### 9.3 資源

1. 打開瀏覽器並瀏覽至

<http://www1.fevaworks.com/course/cefwebeng/>

Username: cefwebeng

Password: joelam

The screenshot shows a Windows Internet Explorer browser window with the address bar displaying <http://www1.fevaworks.com/course/cefwebeng/>. The page content includes the FEVAWORKS logo, the title "CEF Web Engineering Course Material", and a login form. The login form has fields for "Username:" and "Password:", and buttons for "Login Now" and "Reset". Below the form, a message states: "Please call 3106 8211 if you don't know the username & password". At the bottom, there is a banner for "THOMSON PROMETRIC" with the text "now at Fevaworks".

Login	
Username:	<input type="text"/>
Password:	<input type="password"/>
<input type="button" value="Login Now"/> <input type="button" value="Reset"/>	

Please call 3106 8211 if you don't know the username & password

THOMSON PROMETRIC now at Fevaworks

## 2. 下載 Chapter 9 “Ch09”

CEF Web Engineering Course Material - Windows Internet Explorer

http://www1.fevaworks.com/course/cefwebeng/main.asp

Google

Google

CEF Web Engineering Course Material

**Fevaworks CEF Web Engineering Class**

Your IP Address is : 116.49.194.69

Exercise	Downolad
0. Chapter 0	<a href="#">Assignment &amp; Project</a>
1. Chapter 1	<a href="#">Ch01</a>
2. Chapter 2	<a href="#">Ch02</a>
3. Chapter 3	<a href="#">Ch03</a>
4. Chapter 4	<a href="#">Ch04</a>
5. Chapter 5	<a href="#">Ch05</a>
6. Chapter 6	<a href="#">Ch06</a>
7. Chapter 7	<a href="#">Ch07</a>
8. Chapter 8	<a href="#">Ch08</a>
9. Chapter 9	<a href="#">Ch09</a>
10. Chapter 10	<a href="#">Ch10</a>

## 3. 解壓縮并且打開 Start 文件夾

Course > CEFWEBENG > Program > Ch09 > Start

檔案(F) 編輯(E) 檢視(V) 工具(T) 說明(H)

組合管理 檢視 燒錄

最愛的連結

- 圖片
- 文件
- 音樂
- 其他 >>

資料夾

- Lesson3
- Notes
- Program
  - Ch01
  - Ch02
  - Ch03
  - Ch04
  - Ch05
  - Ch06
  - Ch07
  - Ch08
  - Ch09
  - Solution

名稱	修改日期	類型	大小	標記
images				
bidding.php				
common.php				
counterlog.txt				
header.php				
login.php				
logout.php				
news.php				
newsdetail.php				
newsedit_submit.php				
product.php				
productdetails.php				
productedit_submit.php				
questionnaire.php				
register.php				
shoppingcart.php				
voting.php				
Products				
Bidding.sql				
contactus.php				
footer.php				
hitcount.php				
login_submit.php				
membertable.sql				
news.sql				
newsedit.php				
newsheading.php				
Product.sql				
productedit.php				
productlist.php				
Questionnaire.sql				
register_submit.php				
styles.css				
Voting.sql				

#### 4. 解壓縮并且打開 Solution 文件夾

