Lab 4: MySQL & PHP

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Lab 4: MySQL & PHP 1

4.1 Run the example in the lecture slides 2

4.2 Open and use phpMyAdmin to create a database and tables 5

4.3 Category Administration page 6

4.4 Business Registration page 7

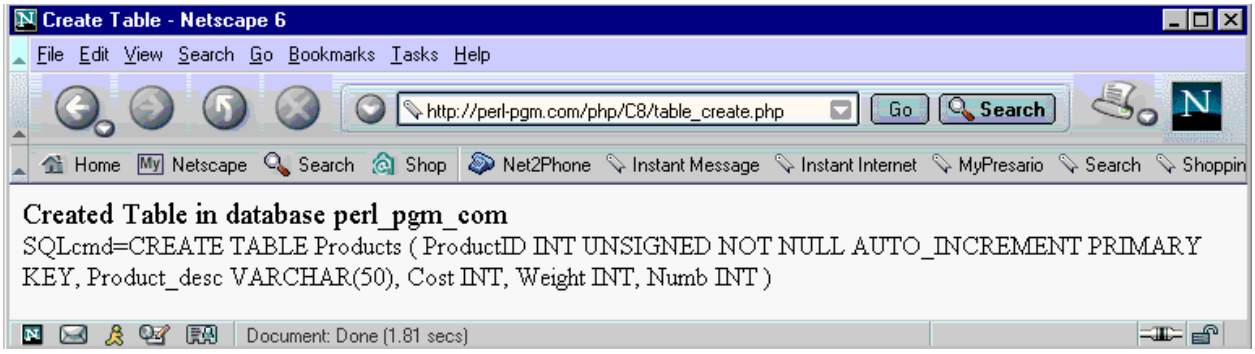
4.5 Business Listing page 7

4.1 Run the example in the lecture slides

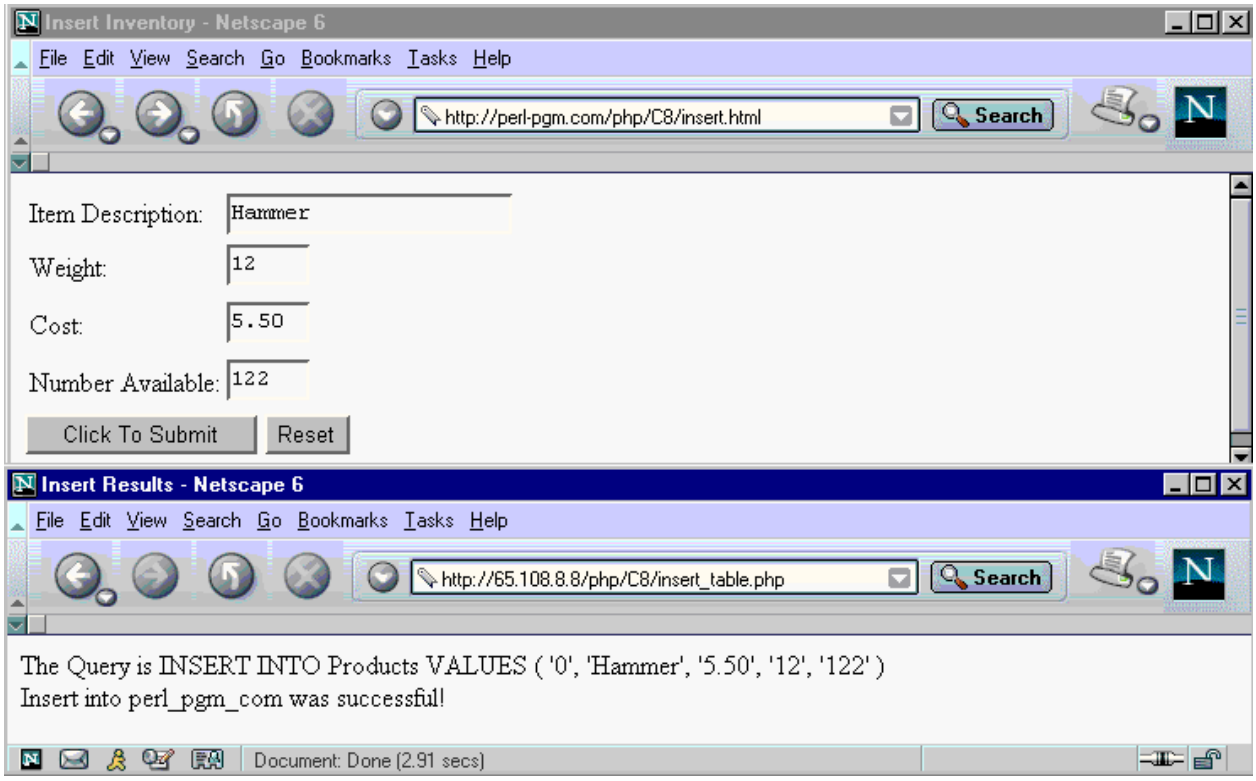
4.1.1 Create table Products using PHP scripts

```
1. <html><head><title>Create Table</title></head><body>
2. <?php
3. $server = 'localhost';
4. $user = 'phppgm';
5. $pass = 'mypasswd';
6. $mydb = 'mydatabase';
7. $table_name = 'Products';
8. $connect = mysql_connect($server, $user, $pass);
9. if (!$connect) {
10.       die ("Cannot connect to $server using $user");
11. } else {
12.       $SQLcmd = "CREATE TABLE $table_name(
                        ProductID INT UNSIGNED NOT NULL
                              AUTO_INCREMENT PRIMARY KEY,
                        Product_desc VARCHAR(50),
                        Cost INT,
                        Weight INT,
                        Numb INT)";
13.   mysql_select_db($mydb);
14.   if (mysql_query($SQLcmd, $connect)){
15.     print '<font size="4" color="blue" >Created Table';
16.     print "<i>$table_name</i> in database<i>$mydb</i><br></font>";
17.     print "<br>SQLcmd=$SQLcmd";
18.   } else {
19.     die ("Table Create Creation Failed SQLcmd=$SQLcmd");
20.   }
21.   mysql_close($connect);
22. }
23. ?></body></html>
```

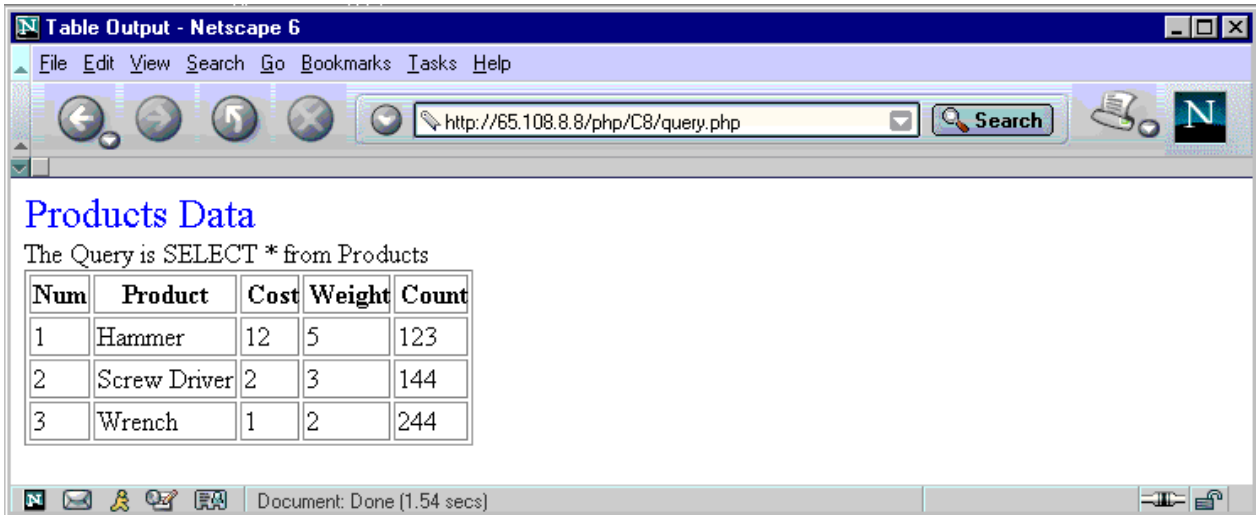
The result after creating table successfully:



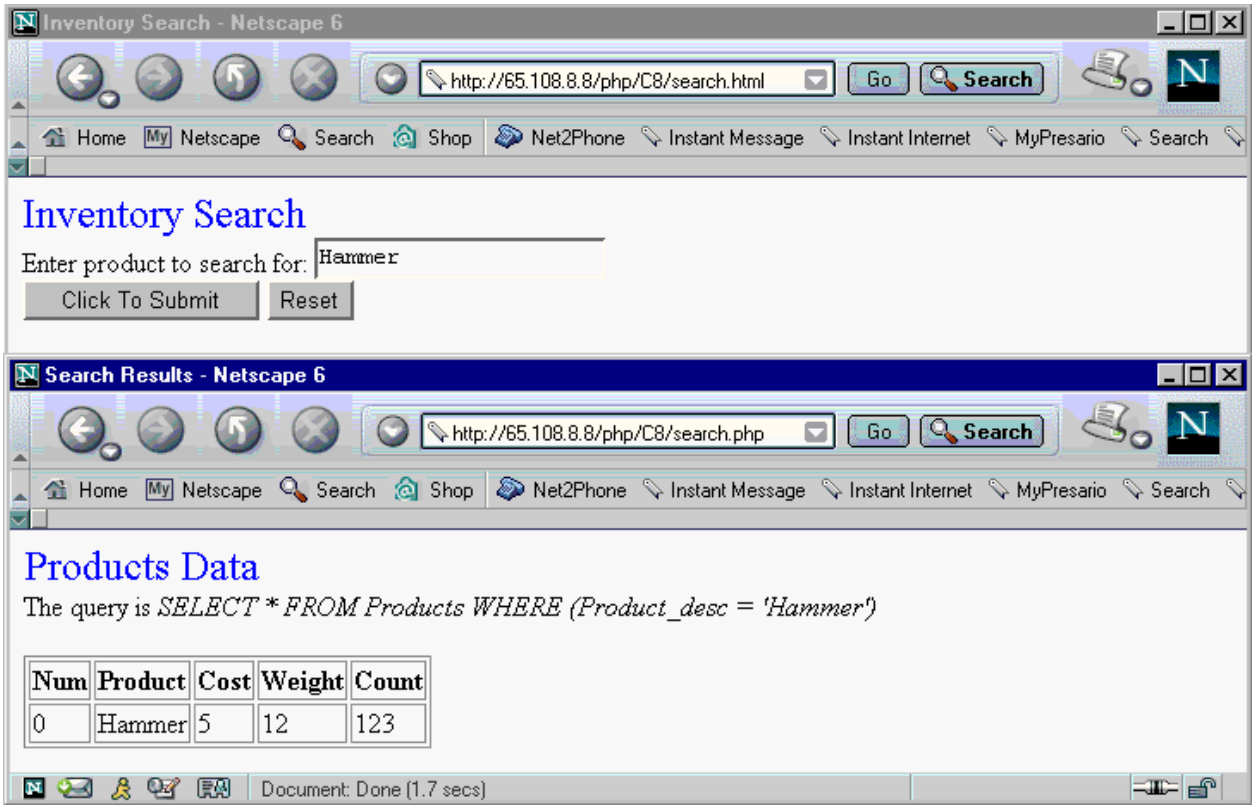
4.1.2 Insert data to Products



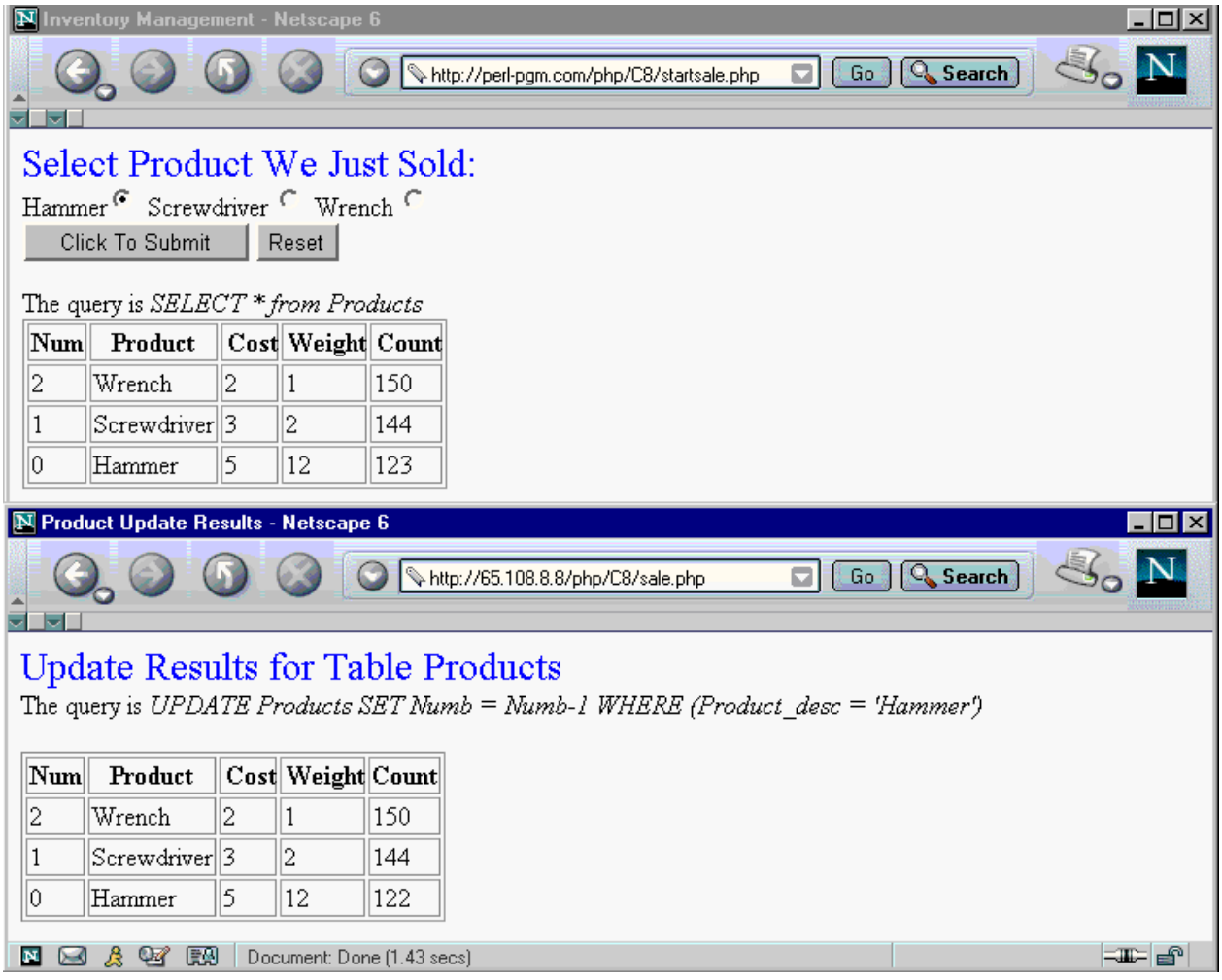
4.1.3 Display list of products



4.1.4 Search products



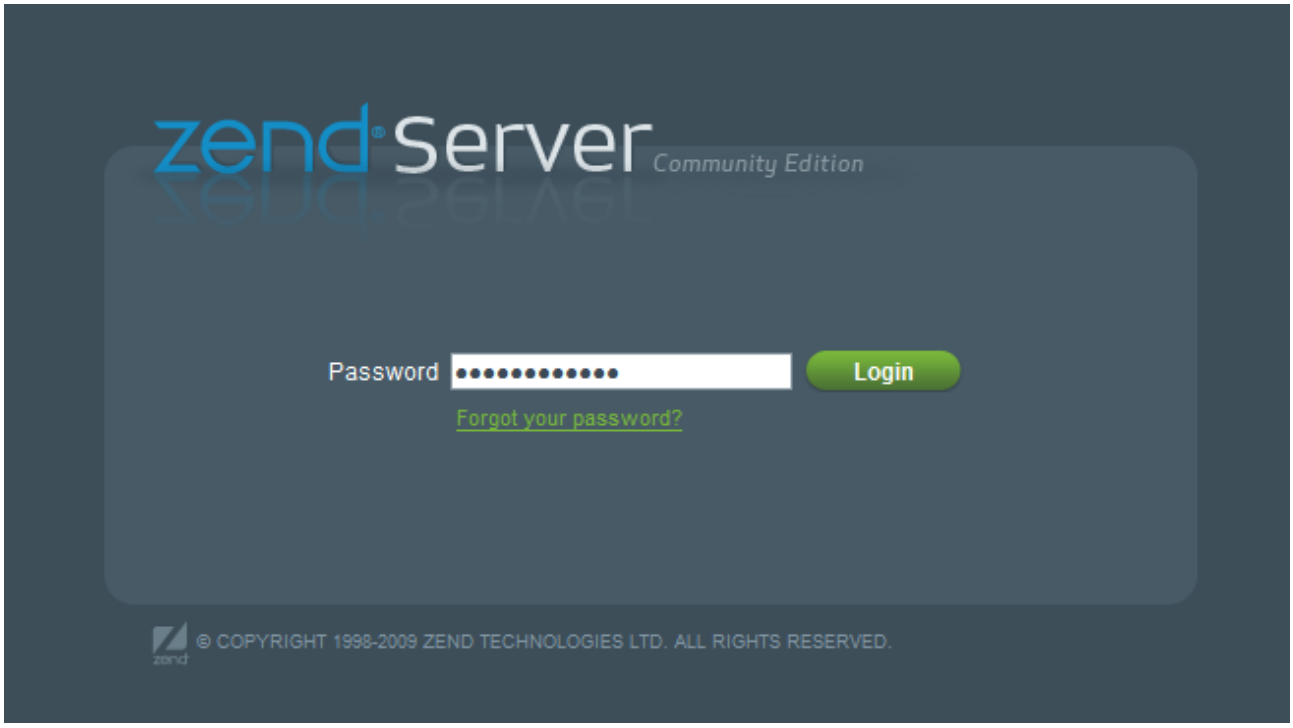
4.1.5 Update product



4.2 *Open and use phpMyAdmin to create a database and tables*

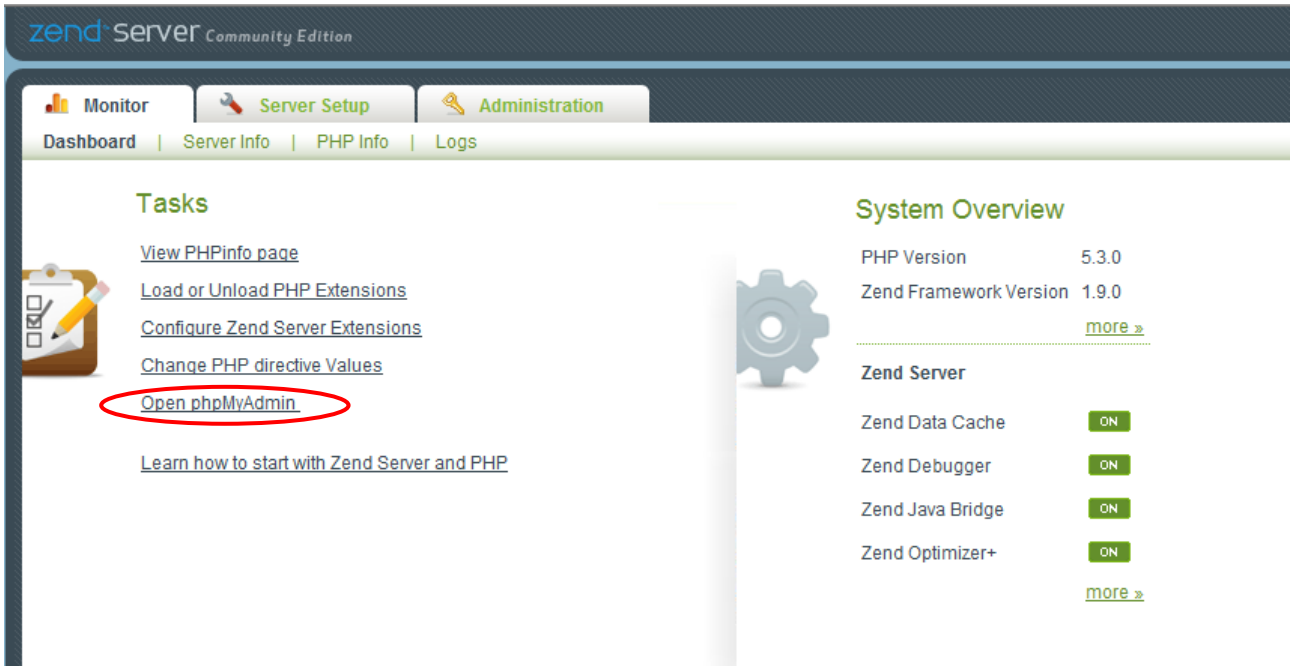
4.2.1 Open Zend Server Comminity Edition

- Select Start → All Programs → Zend Server Comminity Edition → Zend Server 4.0
- Enter password you setted when installing



4.2.2 Open phpMyAdmin

- Press Login to go to Zend Server page. Click on Open phpMyAdmin



- Enter username (root) and password (123456)

4.2.3 Create tables and relationships for business listing service

Create a database named business_service. Create tables and relationships as the following design:

4.3 Category Administration page

Design the following page for Category Adminstration to add a category:

4.4 Business Registration page

Design the following page for Business Registration to add a business. Users can choose multiple categories for the business in the list in the left of the page.

4.5 Business Listing page

Design the following page for Business Listing to display a list of businesses for a specific category. Users can click to the list of categories in the left view the list of corresponding businesses.