

Lab 03: PHP and MySQL

CO226: Database Systems

August 10, 2016

During this lab session, you will learn how to create simple yet useful web pages using PHP and MySQL.

1 Objective

At the end of this lab, you should be able to send data to your MySQL database, retrieve stored data and display them appropriately using PHP.

2 Tasks

1. Let's start by displaying the summary of the order details you enter through the *index.html* form you created for lab 01. That is, when you click on the submit button after filling in the details, you should see the order summary of a particular order. For this task you need to complete the given *order.php* file while adding necessary form action and http methods (GET or POST) in your *index.html* file.

2. Now, change the *order.php* file so that it will save all the data entered to the form in your database when the form is submitted. You can use the following php syntax to get the database connection to your database.

```
$db = mysqli_connect('localhost', 'user_name', 'password', 'database_name')  
or die('Error connecting to MySQL server.');
```

3. Next, retrieve and display the stored data in the database in your web page. You can do it in following way. A sample output format is shown in the figure 02.

```
$query = "SELECT * FROM Employees";  
$result = mysqli_query($db, $query);  
$row = mysqli_fetch_array($result)
```

4. Add a *search.php* file to your system that can be used to search for orders by order number.

Your Order Details

Thank you ***Roshan*** for your purchase on our website!

Your order number is ***12345***
 Size: ***Medium***
 Color: ***Blue***

You ordered these extra items: ***Wrist Band***

Your items will be shipped to:

Roshan Gamage
No. 162/1,
Peradeniya Road,
Kandy.

Thank you for submitting your comments! We appreciate it. You said:

Please deliver on time!

Figure 1: Summary of Order Details

Order Number	Size	Color	Extra Items	First Name	Last Name	Address	Comment
12345	Medium	Blue	Wrist Band	Roshan	Gamage	No. 162/1, Peradeniya Road, Kandy.	Please deliver on time!

Figure 2: A sample data record

3 Due Date

17th August 2016 before 11:55pm.

4 Submission

Submit all the .php and .html files as a single .zip file with the name E13XXLab03.zip on or before the deadline.

Please note that you can discuss among your classmates, but the submitted assignments should be your own work. Please note that committing **plagiarism** or (assisting others to commit plagiarism) will result in zero marks.