

LAB task TWO deals with the creation of login page which includes:

1. Login of a user with username and password.
2. Mixing CSS with the form
3. Form validation
4. Database design

PHP Login Session Example

Login Form

UserName :

username

Password :

Login

phpMyAdmin

Server: localhost ▶ Database: bkc ▶ Table: login "InnoDB free: 4096 kB"

[Browse](#)
[Structure](#)
[SQL](#)
[Search](#)
[Insert](#)
[Export](#)
[Import](#)
[Operations](#)
[Empty](#)
[Drop](#)

Field	Type	Collation	Attributes	Null	Default	Extra	Action
<input type="checkbox"/> id	int(2)			No		auto_increment	
<input type="checkbox"/> username	varchar(200)	latin1_danish_ci		No			
<input type="checkbox"/> password	varchar(200)	latin1_danish_ci		No			

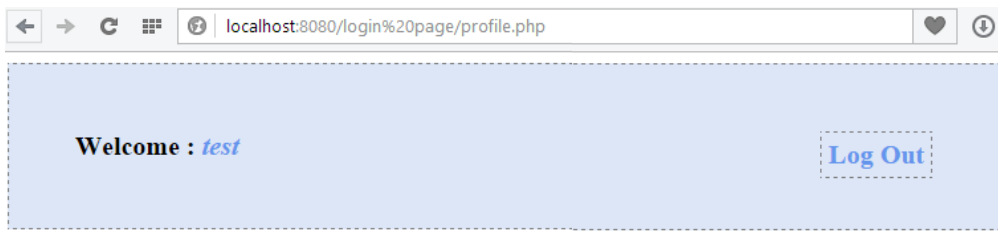
[Check All](#) / [Uncheck All](#) With selected:

[Print view](#)
[Relation view](#)
[Propose table structure](#)

Add field(s)
 ☒ At End of Table
 ☐ At Beginning of Table

Indexes					Space usage		Row Statistics	
Keyname	Type	Cardinality	Action	Field	Type	Usage	Statements	Value
PRIMARY	PRIMARY	1		id	Data	16,384 B	Format	Compact
Create an index on <input type="text" value="1"/> columns <input type="button" value="Go"/>					Index	0 B	Collation	latin1_swedish_ci
					Total	16,384 B	Next Autoindex	2
					Creation Dec 12, 2014 at 07:25 PM			

Database name: bkc || Table Name: login



index.php

```
<?php
include('login.php'); // Includes Login Script
?>
<!DOCTYPE html>
<html><head>
<title>Login Form in PHP with Session</title>
<link href="style.css" rel="stylesheet" type="text/css">
</head>
<body>
<div id="main">
<h1>PHP Login Session Example</h1>
<div id="login">
<h2>Login Form</h2>
<form action="" method="post">
<label>UserName :</label>
<input id="name" name="username" placeholder="username" type="text">
<label>Password :</label>
<input id="password" name="password" placeholder="*****" type="password">
<input name="submit" type="submit" value=" Login ">
<span><?php echo $error; ?></span>
</form>
</div>
</div>
</body>
</html>
```

Login.php

```
<?php
session_start(); // Starting Session
$error=""; // Variable To Store Error Message
if (isset($_POST['submit'])) {
    if (empty($_POST['username']) || empty($_POST['password'])) {
        $error = "Username or Password is invalid";
    }
    else
    {
        // Define $username and $password
        $username=$_POST['username'];
        $password=$_POST['password'];
        // Establishing Connection with Server by passing server_name, user_id and password as a parameter
        $connection = mysql_connect("localhost", "root", "");
        // To protect MySQL injection for Security purpose
```

```
$username = stripslashes($username);
$password = stripslashes($password);
$username = mysql_real_escape_string($username);
$password = mysql_real_escape_string($password);
// Selecting Database
$db = mysql_select_db("bkc", $connection);
// SQL query to fetch information of registered users and finds user match.
$query = mysql_query("select * from login where password='$password' AND username='$username'",
    $connection);
$rows = mysql_num_rows($query);
if ($rows == 1) {
    $_SESSION['login_user']=$username; // Initializing Session
    header("location: profile.php"); // Redirecting To Other Page
} else {
    $error = "Username or Password is invalid";
}
mysql_close($connection); // Closing Connection
}
}
?>
```

Style.css

```
#main {
width:960px;
margin:50px auto;
font-family:raleway
}
span {
color:red
}
h2 {
background-color:#FEFFED;
text-align:center;
border-radius:10px 10px 0 0;
margin:-10px -40px;
padding:15px
}
hr {
border:0;
border-bottom:1px solid #ccc;
margin:10px -40px;
margin-bottom:30px
}
```

```
#login {
width:300px;
float:left;
border-radius:10px;
font-family:raleway;
border:2px solid #ccc;
padding:10px 40px 25px;
margin-top:70px
}
input[type=text],input[type=password] {
width:99.5%;
padding:10px;
margin-top:8px;
border:1px solid #ccc;
padding-left:5px;
font-size:16px;
font-family:raleway
}
input[type=submit] {
width:100%;
background-color:#FFBC00;
color:#fff;
border:2px solid #FFCB00;
padding:10px;
font-size:20px;
cursor:pointer;
border-radius:5px;
margin-bottom:15px
}
#profile {
padding:50px;
border:1px dashed grey;
font-size:20px;
background-color:#DCE6F7
}
#logout {
float:right;
padding:5px;
border:dashed 1px gray
}
a {
text-decoration:none;
color:#6495ed
}
```

```
i {  
color:#6495ed  
}
```

Connectivity.php

```
<?php
```

```
$db=mysql_connect('localhost','root','') or die('unable to connect to database');  
$conn=mysql_select_db('bkc',$db) or die(mysql_error($db));  
if($conn)  
{  
//echo'database connected';  
}  
  
$ID = $_POST['user'];  
$Password = $_POST['pass'];  
function SignIn()  
{  
session_start();  
if(!empty($_POST['user']))  
{  
$query = mysql_query("SELECT * FROM login where uname = '$_POST[user]' AND pwd =  
'$_POST[pass]'") or die(mysql_error());  
$row = mysql_fetch_array($query) or die(mysql_error());  
if(!empty($row['userName']) AND !empty($row['pass']))  
{  
$_SESSION['userName'] = $row['pass'];  
echo "SUCCESSFULLY LOGIN TO USER PROFILE PAGE...";  
}  
else  
{  
echo "SORRY... YOU ENTERD WRONG ID AND PASSWORD... PLEASE RETRY...";  
}  
}  
if(isset($_POST['submit']))  
{  
SignIn();  
} ?>
```

Session.php

```
<?php
// Establishing Connection with Server by passing server_name, user_id and password as a parameter
$connection = mysql_connect("localhost", "root", "");
// Selecting Database
$db = mysql_select_db("bkc", $connection);
session_start();// Starting Session
// Storing Session
$user_check=$_SESSION['login_user'];
// SQL Query To Fetch Complete Information Of User
$ses_sql=mysql_query("select username from login where username='$user_check'", $connection);
$row = mysql_fetch_assoc($ses_sql);
$login_session =$row['username'];
if(!isset($login_session))
{
    echo"session expired";
mysql_close($connection); // Closing Connection
header('Location: index.php'); // Redirecting To Home Page
}
?>
```

Profile.php

```
<?php
include('session.php');
?>
<!DOCTYPE html>
<html>
<head>
<title>Your Home Page</title>
<link href="style.css" rel="stylesheet" type="text/css">
</head>
<body>
<div id="profile">
<b id="welcome">Welcome : <i><?php echo $login_session; ?></i></b>
<b id="logout"><a href="logout.php">Log Out</a></b>
</div>
</body>
</html>
```

Logout.php

```
<?php
session_start();
```

```
if(session_destroy()) // Destroying All Sessions
{
header("Location: index.php"); // Redirecting To Home Page
}
?>
```

Description of above login form

Session :

A session is a way to store information (in variables) to be used across multiple pages.

Unlike a cookie, the information is not stored on the users computer.

What is a PHP Session?

When you work with an application, you open it, do some changes, and then you close it. This is much like a Session. The computer knows who you are. It knows when you start the application and when you end. But on the internet there is one problem: the web server does not know who you are or what you do, because the HTTP address doesn't maintain state.

Session variables solve this problem by storing user information to be used across multiple pages (e.g. username, favorite color, etc). By default, session variables last until the user closes the browser.

So; Session variables hold information about one single user, and are available to all pages in one application.

For more information please visit:

http://www.w3schools.com/php/php_sessions.asp

stripslashes ?

Definition:

The function *stripslashes* is used to remove backslashes from data. One use for this function, is to display data to which [addslashes](#) has been applied. What this means is that stripslashes would change *I\'m hungry* into *I'm hungry*.

Also Known As: Strip Slashes, Remove Slashes

Examples:


```
<?php $greeting = "Hello, I\'m Billy"; print  
stripslashes($greeting); ?>
```