**PHP Sample Programs**

**Example 1: Simple PHP program**

* **Using method and action attributes of form element**
* **Using variables and echo statement**

**page1.html**

<html>

<head>

<title>Welcome to PHP</title>

</head>

<body>

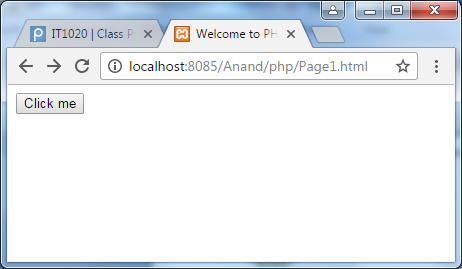
**<form method="post" action="page1.php">**

<input type=submit value="Click me">

**</form>**

</body>

</html>



**Page1.php**

<html>

<head>

<title>Welcome to PHP</title>

**<?php $msg="Welcome to MyWeb!!!"; ?>**

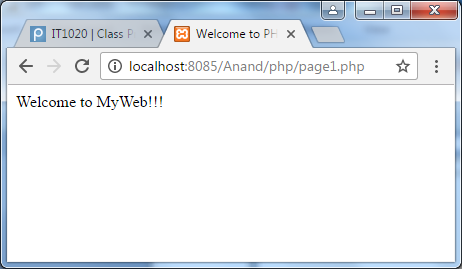
</head>

<body>

**<?php echo "$msg"; ?>**

</body>

</html>



**Example 2: Using print function**

**page2.php**

<html>

<head>

<title>Welcome to PHP</title>

<?php $name="Anand"; ?>

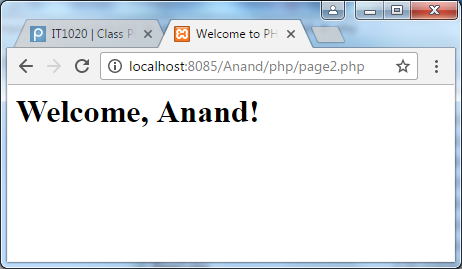
</head>

<body>

<H1> **<?php print("Welcome, $name!");?>** </H1>

</body>

</html>



**Example 3: Add two numbers using $\_POST()**

**page3.html**

<html>

<head>

<title>Welcome to PHP</title>

<?php $msg="Welcome to PHP"; ?>

</head>

<body>

<form method="post" action="page3.php">

Enter a:<input type=text name=a><br>

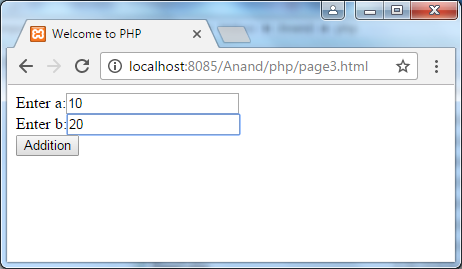
Enter b:<input type=text name=b><br>

<input type=submit value="Addition">

</form>

</body>

</html>



**page3.php**

<html>

<head>

<title>Add two numbers</title>

</head>

<body>

<?php

**$a=$\_POST['a'];**

**$b=$\_POST['b'];**

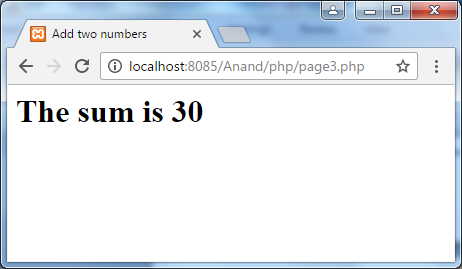
$c=$a+$b;

print("<h1>The sum is $c</h1>");

?>

</body>

</html>



**Example 4: Add two numbers using extract()**

**Page4.html**

<html>

<head>

<title>Add Two Numbers</title>

</head>

<body>

<form method="post" action="page4.php">

Enter a:<input type=text name=a><br>

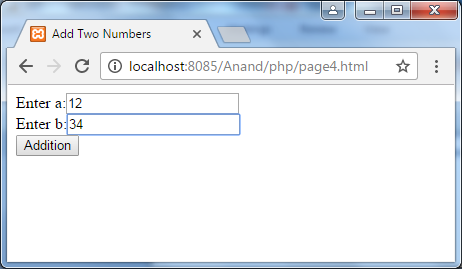
Enter b:<input type=text name=b><br>

<input type=submit value="Addition">

</form>

</body>

</html>



**Page4.php**

<html>

<head>

<title>Add two numbers using Extract</title>

</head>

<body>

<?php

**extract($\_POST);**

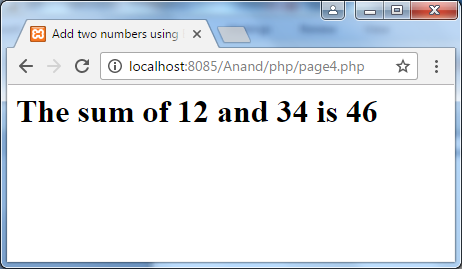
$c=$a+$b;

print("<h1>The sum of $a and $b is $c</h1>");

?>

</body>

</html>



**Example 5: Creating user registration page using PHP code in HTML**

**page5.html**

<html>

<head> <title>Login Registration</title> </head>

<body>

<form method="post" action="Page5.php">

<H1>Register Login</h1>

Student Name:<input type=text name=sname><br>

Register No.:<input type=text name=regno><br>

Mail ID:<input type=text name=mailid><br>

Mobile No.:<input type=text name=mobile><br>

User Name:<input type=text name=uname><br>

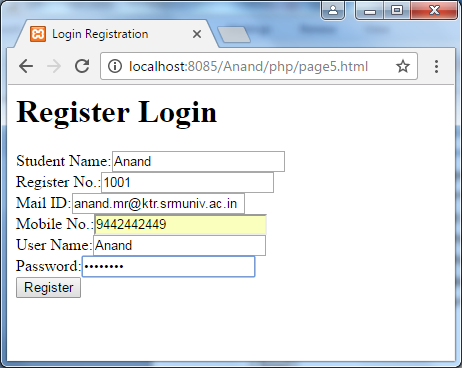
Password:<input type=password name=pwd><br>

<input type=submit value="Register">

</form>

</body>

</html>



**page5.php**

<html>

<head>

<title>Registration Info</title>

</head>

<body>

<form method="post">

**<?php**

**extract($\_POST);**

**?>**

<h1>Login Registration Details</h1>

<h2>

Student Name: **<?php print($sname) ?**>**<**br>

Register No.: **<?php print($regno) ?>**</br>

Mail ID: **<?php print($mailid) ?>**<br>

Phone No.: **<?php print($mobile) ?>**<br>

User Name: **<?php print($uname) ?>**<br>

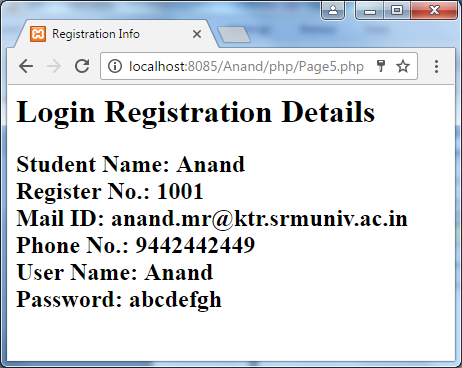
Password: **<?php print($pwd) ?>**<br>

</h2>

</form>

</body>

</html>



**Example 6: Redirecting a page using header() function**

**Page61.html**

<html>

<head>

<title>Login</title>

</head>

<body>

<form method="post" action="Page6.php">

<H1>User Login</h1>

User Name:<input type=text name=uname><br>

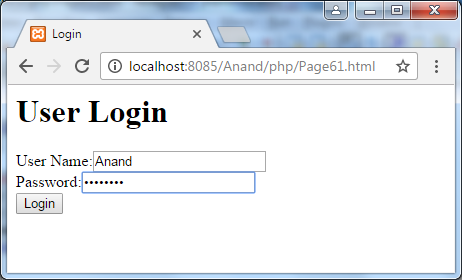
Password:<input type=password name=pwd><br>

<input type=submit value="Login">

</form>

</body>

</html>



**Page6.php**

<?php

if (($\_POST['uname']=="Anand") && ($\_POST['pwd']="anand123")){

**header("location:Page62.html");**

}

?>

**Page62.html**

<html>

<head>

<title>Login</title>

</head>

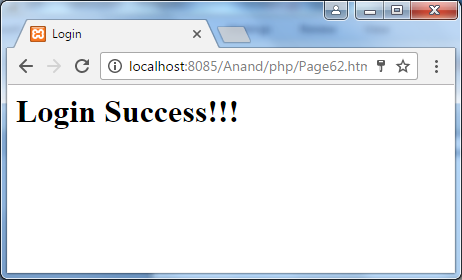
<body>

<H1>Login Success!!!</h1>

</form>

</body>

</html>



**DATABASE PROGRAMS**

**Creating database in *phpmyadmin***

Database Name: **studb**

Table Name: **login**

|  |  |
| --- | --- |
| **Field Name** | **Data Type** |
| sname | Varchar(50) |
| regno | Varchar(20) |
| mailid | Varchar(100) |
| mob | Varchar(15) |
| uame | Varchar(50) |
| pwd | Varchar(50) |

**Example 7: Creating user registration page with database**

**Reg\_login.html**

<html>

<head>

<title>Login Registration</title>

</head>

<body>

<form method="post" action="Reg\_Save.php">

<H1>Register Login</h1>

Student Name:<input type=text name=sname><br>

Register No.:<input type=text name=regno><br>

Mail ID:<input type=text name=mailid><br>

Mobile No.:<input type=text name=mobile><br>

User Name:<input type=text name=uname><br>

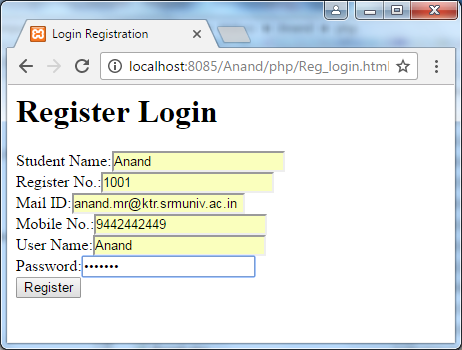
Password:<input type=password name=pwd><br>

<input type=submit value="Register">

</form>

</body>

</html>



**Reg\_Save.php**

<?php

extract($\_POST);

$mysqli = new mysqli('localhost', 'root','server','studb');

if($mysqli->connect\_errno > 0){

die('Unable to connect to database [' . $db->connect\_error . ']');

}

$query = "INSERT INTO login VALUES

('$sname','$regno','$mailid','$mobile','$uname','$pwd')";

$insert\_row = $mysqli->query($query);

if($insert\_row){

header("location:Reg\_Success.html");

}

else{

die('Error : ('. $mysqli->errno .') '. $mysqli->error);

}

?>

**Reg\_Success.html**

<html>

<head>

<title>Login Registration</title>

</head>

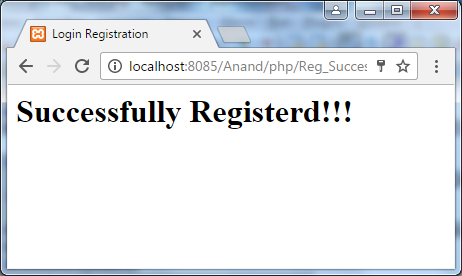
<body>

<H1>Successfully Registerd!!!</h1>

</form>

</body>

</html>



**Example 8: Creating user login page in PHP with database**

**Login.html**

<html>

<head>

<title>User Login</title>

</head>

<body>

<form method="post" action="Login\_Check.php">

<H1>User Login</h1>

User Name:<input type=text name=uname><br>

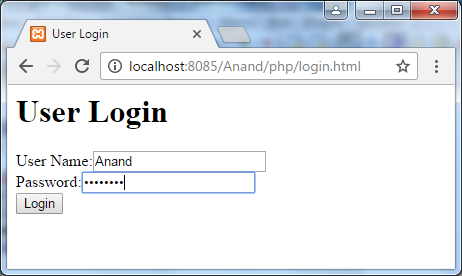
Password:<input type=password name=pwd><br>

<input type=submit value="Login">

</form>

</body>

</html>



**Login\_Check.php**

<?php

$host="localhost";

$username="root";

$password="server";

$db\_name="studb";

$tbl\_name="Login";

mysql\_connect("$host", "$username", "$password")or die("cannot connect");

mysql\_select\_db("$db\_name")or die("cannot select DB");

$myusername=$\_POST['uname'];

$mypassword=$\_POST['pwd'];

$sql="SELECT \* FROM $tbl\_name WHERE uname='$myusername' and pwd='$mypassword'";

$result=mysql\_query($sql);

$count=mysql\_num\_rows($result);

if($count==1){

header("location:login\_success.html");

}

else {

echo "<h2>Login Failed!!!</h2>";

}

?>

**Login\_Success.html**

<html>

<head>

<title>User Login</title>

</head>

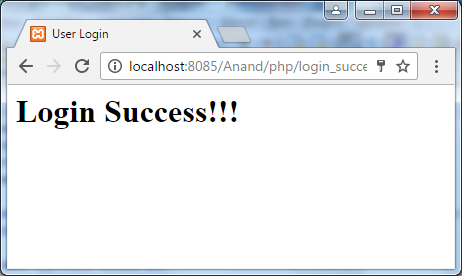
<body>

<H1>Login Success!!!</h1>

</form>

</body>

</html>



**Example 9: Creating user login page using session**

**Session\_Login.php**

<html>

<head>

<title>User Login</title>

</head>

<body>

<form method="post" action="Session\_Login\_Check.php">

<H1>User Login</h1>

User Name:<input type="text" name="uname"><br>

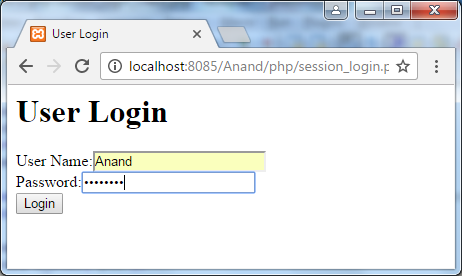
Password:<input type="password" name="pwd"><br>

<input type="submit" value="Login">

</form>

</body>

</html>



**Session\_Login\_Check.php**

<?php

$host="localhost";

$username="root";

$password="server";

$db\_name="studb";

$tbl\_name="Login";

mysql\_connect("$host", "$username", "$password")or die("cannot connect");

mysql\_select\_db("$db\_name")or die("cannot select DB");

$myusername=$\_POST['uname'];

$mypassword=$\_POST['pwd'];

$sql="SELECT \* FROM $tbl\_name WHERE uname='$myusername' and pwd='$mypassword'";

$result=mysql\_query($sql);

$count=mysql\_num\_rows($result);

if($count==1){

$row=mysql\_fetch\_row($result);

$sname=$row[0];

session\_start();

$\_SESSION['SName']=$sname;

$\_SESSION['Status']="Session Status: Login Success!!!";

header("location:Session\_login\_success.php");

}

else {

session\_start();

if (isset($\_SESSION['SName'])){

unset($\_SESSION['SName']);

}

$\_SESSION['Status']="Session Expired!!!";

echo "<h2>Login Failed!!!</h2>";

}

?>

**Session\_Login\_Success.php**

<html>

<head>

<title>User Login</title>

</head>

<body>

<?php

session\_start();

if (isset($\_SESSION['SName'])){

echo "<h1>Welcome, ".$\_SESSION['SName']."!</h1><br>";

echo "<h2>".$\_SESSION['Status']."</h2>";

}

else {

echo "<h2>".$\_SESSION['Status']."</h2>";

print("<h4><br><br><a href='Session\_Login.php'>

Login again!</a></h4>");

//header("location:Session\_login.php");

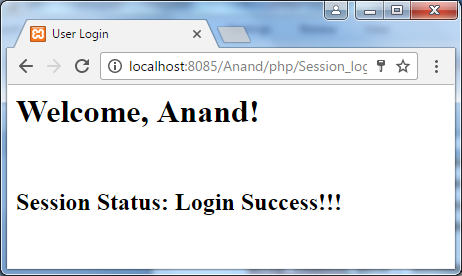
}

?>

</h1>

</body>

</html>



**Example 10: Creating user login page using cookies**

**Cookie\_Login.php**

<html>

<head>

<title>User Login</title>

</head>

<body>

<form method="post" action="Cookie\_Login\_Check.php">

<H1>User Login</h1>

User Name:<input type="text" name="uname" value=<?php echo Cookie\_val(1) ?> > <br>

Password:<input type="password" name="pwd" value=<?php echo Cookie\_val(2) ?> >

<br>

<input type="checkbox" name="remuser">Remember Password<br>

<input type="submit" value="Login">

</form>

</body>

<?php

function Cookie\_val($ch){

if ($ch==1)

{

if (isset($\_COOKIE['UName']))

{

return $\_COOKIE['UName'];

}

else

return;

}

else

{

if (isset($\_COOKIE['Pwd']))

{

return $\_COOKIE['Pwd'];

}

else

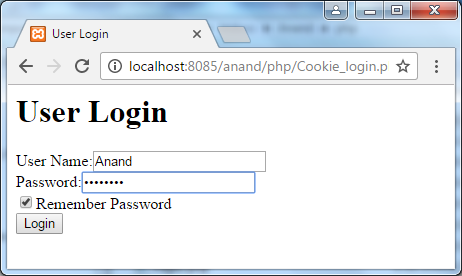
return;

}

}

?>

</html>



**Cookie\_Login\_Check.php**

<?php

$host="localhost";

$username="root";

$password="server";

$db\_name="studb";

$tbl\_name="Login";

mysql\_connect("$host", "$username", "$password")or die("cannot connect");

mysql\_select\_db("$db\_name")or die("cannot select DB");

$myusername=$\_POST['uname'];

$mypassword=$\_POST['pwd'];

$sql="SELECT \* FROM $tbl\_name WHERE uname='$myusername' and pwd='$mypassword'";

$result=mysql\_query($sql);

$count=mysql\_num\_rows($result);

if($count==1){

$row=mysql\_fetch\_row($result);

$sname=$row[0];

print("<h1>Welcome, $sname!<br></h1>");

echo "<h2>Login Success!!!</h2>";

if (isset($\_POST['remuser'])){

setcookie("UName",$myusername,time()+60\*60\*24);

setcookie("Pwd",$mypassword,time()+60\*60\*24);

}

else

{

setcookie("UName","",time()-5);

setcookie("Pwd","",time()-5);

}

// header("location:login\_success.html");

}

else {

echo "<h2>Login Failed!!!</h2>";

//header("location:login\_failed.php");

}

?>

**Example 11: Creating user login page using session and cookies**

**SC\_Login.php**

<html>

<head>

<title>User Login</title>

</head>

<body>

<form method="post" action="SC\_Login\_Check.php">

<H1>User Login</h1>

User Name:<input type="text" name="uname" value=<?php echo Cookie\_val(1) ?> ><br>

Password:<input type="password" name="pwd" value=<?php echo Cookie\_val(2) ?> >

<br>

<input type="checkbox" name="remuser">Remember Password<br>

<input type="submit" value="Login">

</form>

</body>

<?php

function Cookie\_val($ch){

if ($ch==1)

{

if (isset($\_COOKIE['UName']))

{

return $\_COOKIE['UName'];

}

else

return;

}

else

{

if (isset($\_COOKIE['Pwd']))

{

return $\_COOKIE['Pwd'];

}

else

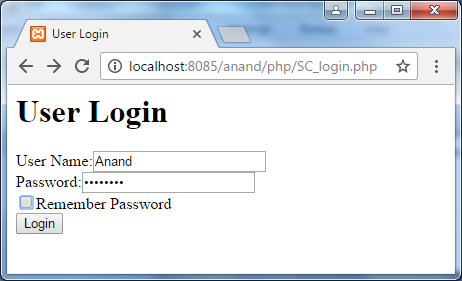
return;

}

}

?>

</html>



**SC\_Login\_Check.php**

<?php

$host="localhost";

$username="root";

$password="server";

$db\_name="studb";

$tbl\_name="Login";

mysql\_connect("$host", "$username", "$password")or die("cannot connect");

mysql\_select\_db("$db\_name")or die("cannot select DB");

$myusername=$\_POST['uname'];

$mypassword=$\_POST['pwd'];

$sql="SELECT \* FROM $tbl\_name WHERE uname='$myusername' and pwd='$mypassword'";

$result=mysql\_query($sql);

$count=mysql\_num\_rows($result);

if($count==1){

$row=mysql\_fetch\_row($result);

$sname=$row[0];

session\_start();

$\_SESSION['SName']=$sname;

$\_SESSION['Status']="Session Status: Login Success!!!";

if (isset($\_POST['remuser'])){

setcookie("UName",$myusername,time()+60\*60\*24);

setcookie("Pwd",$mypassword,time()+60\*60\*24);

}

else

{

setcookie("UName","",time()-5);

setcookie("Pwd","",time()-5);

}

header("location:SC\_login\_success.php");

}

else {

unset($\_SESSION['SName']);

unset($\_SESSION['Status']);

echo "<h2>Login Failed!!!</h2>";

header("location:SC\_login.php");

}

?>

**SC\_Login\_Success.php**

<html>

<head>

<title>User Login</title>

</head>

<body>

<h1>

<?php

session\_start();

if (isset($\_SESSION['SName'])){

echo "Welcome, ".$\_SESSION['SName']."!<br>";

echo $\_SESSION['Status'];

}

else {

header("location:SC\_login.php");

}

?>

</h1>

<h2>Login Success!!!</h2>

</form>

</body>

</html>

