UTTARANCHAL UNIVERSITY

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(Uttarakhand Act No. 11 of 2013)
Arcadia Grant, P.O. Chandanwari, Premnagar, Dehradun, Uttarakhand

UTTARANCHAL UNIVERSITY

Lab Manual

Academic Session 2020-21 (Even Semester)

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University Roll Number	:	**1901090008**
Lab Name	:	**Web Technology through PHP Lab**
Lab Code	:	**PCS - 404**
Session Year	:	**2020-21**
Semester	:	**4th**
Course	:	**(B.Tech-CSE)**
Submitted to	:	**Mr. Prashant Chaudhary**

Department of Computer Science & Engineering
Uttaranchal Institute of Technology

UTTARANCHAL INSTITUTE OF TECHNOLOGY

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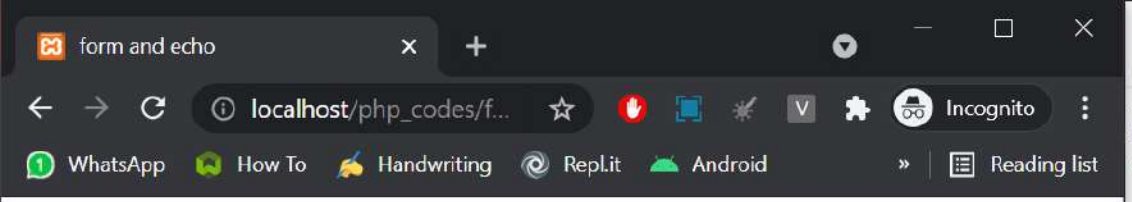


Please enter your name:

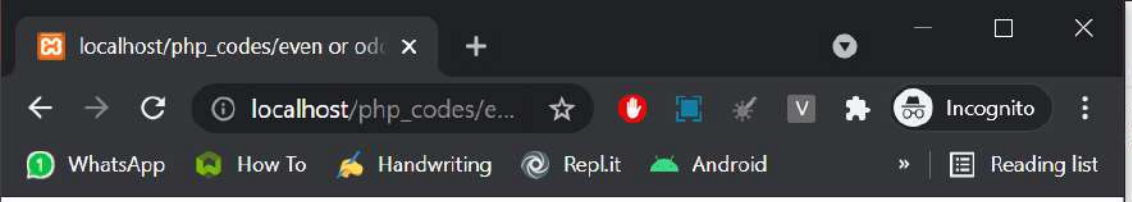
Submit

Hello Piyush

form and echo.php - Notepad

File Edit Format View Help

```
<!--Create a simple HTML form and accept the user
name and display the name through PHP echo
statement-->

<html>
<head>
<title>form and echo</title>
</head>
<body>
<form method='POST'>
<h2>Please enter your name:</h2>
<input type="text" name="name">
<input type="submit" value="Submit">
</form>
<?php
$name  =  $_POST['name'];
echo "<h3> Hello $name </h3>";
?>
</body>
</html>
```



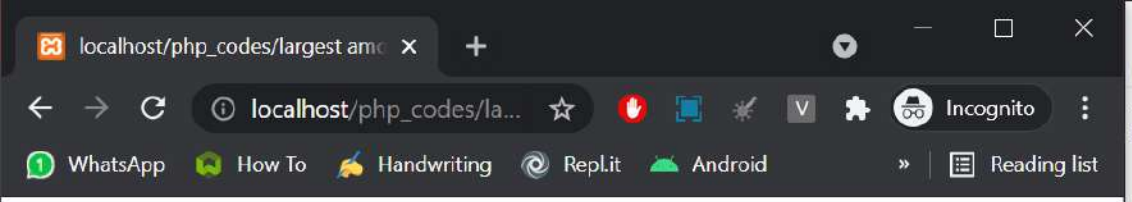
Enter a number: Submit

234 is an Even number

even or odd.php - Notepad

File Edit Format View Help

```
<!-- Write a Program to check and print whether a
given number is even or odd -->

<html>
<body>
<form method="post">
Enter a number:
<input type="number" name="number">
<input type="submit" value="Submit">
</form>
</body>
</html>
<?php
if($_POST){
$number = $_POST['number'];
if(($number % 2) == 0){
echo "$number is an Even number";
}
else{
echo "$number is Odd number";
}
}
?>
```



Enter numbers:

23

45

12

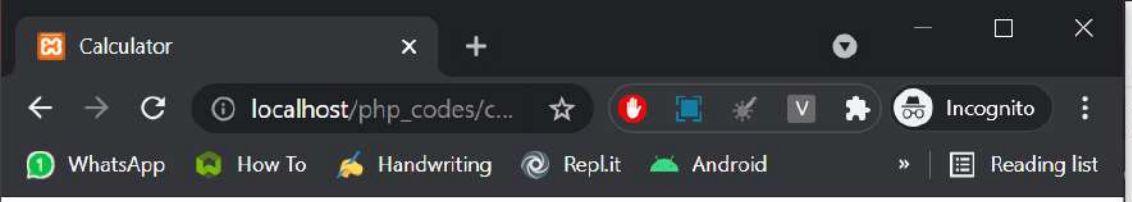
Submit

Gretest number is 45

largest among three.php - Notepad

File Edit Format View Help

```
<!-- Write a PHP script to find largest among three
numbers -->

<html>
<body>
<form method="post">
Enter numbers: <br>
<input type="number" name="number1"><br>
<input type="number" name="number2"><br>
<input type="number" name="number3"><br>
<input type="submit" value="Submit">
</form>
</body>
</html>
<?php
if($_POST){
$num1 = $_POST['number1'];
$num2 = $_POST['number2'];
$num3 = $_POST['number3'];
if($num1>$num2 && $num1>$num3){
echo "Gretest number is ".$num1;
}
else{
if($num2>$num1 && $num2>$num3){
echo "Gretest number is ".$num2;
}
else
echo "Gretest number is ".$num3;
}
}
?>
```



Calculator

55 Operator 45

Submit

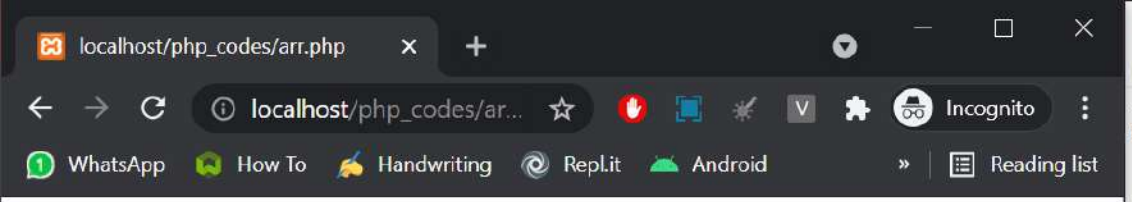
Result is 100

Operator
+
-
*
/

calculator.php - Notepad

File Edit Format View Help

```
<!-- Write a Menu-Driven program to implement a calculator. The operation
should happen based on the user choice -->

<html>
<head><title>Calculator</title></head>
<body>
<form method="POST">Calculator<br>
<input type="number" name="abc">
<select name="qwe">
<option>Operator</option>
<option value='+'>+</option>
<option value='-'>-</option>
<option value='*'>*</option>
<option value='/'>/</option></select>
<input type="number" name="xyz"><br>
<input type="submit" name="submit">
</form>
</body></html>
<?php
$a=$_POST["abc"];
$op=$_POST["qwe"];
$b=$_POST["xyz"];
switch($op){
case '+':
$c= $a + $b;
echo "Result is $c"; break;
case '-':
$c= $a - $b;
echo "Result is $c"; break;
case '*':
$c= $a * $b;
echo "Result is $c"; break;
case '/':
$c= $a / $b;
echo "Result is $c"; break;
default:
echo "Error";
}?>
```

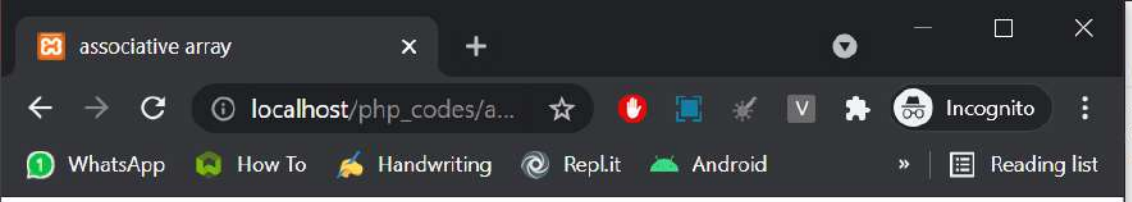


white

arr.php - Notepad

File Edit Format View Help

```
<!-- $color = array (4 => 'white', 6 => 'green', 11=> 'red');
Write a PHP script to get the first element of the above array. -->

<?php
$color = array (4 => 'white', 6 => 'green', 11=> 'red');
echo reset($color);
?>
```



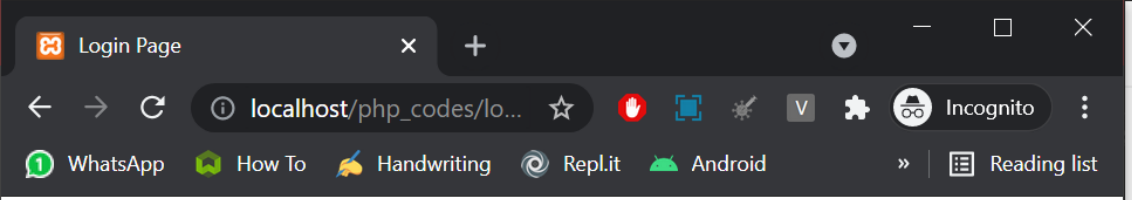
List of Countries-Capitals

Country	Capital
India	NewDelhi
Afghanistan	Kabul
Australia	Canberra
Bangladesh	Dhaka
Brazil	Brasilia
Canada	Ottawa
China	Beijing
France	Paris
Japan	Tokyo
Thailand	Bangkok

associative array.php - Notepad

File Edit Format View Help

```
<!-- Create an associative array using the countries as keys, the cities as
values and transform it into 2-dimensional array and display the data as a
table -->

<html>
<head><title>associative array</title></head>
<body>
<?php
$a_array=array
("India"=>"NewDelhi","Afghanistan"=>"Kabul","Australia"=>"Canberra",
"Bangladesh"=>"Dhaka","Brazil"=>"Brasilia","Canada"=>"Ottawa",
"China"=>"Beijing","France"=>"Paris","Japan"=>"Tokyo","Thailand"=>"Bangkok")
;
$j=0;
foreach ($a_array as $x=>$x_value)
{
$newarray[0][$j]=$x;
$newarray[1][$j]=$x_value;
$j=$j+1;
}
echo "<h3>List of Countries-Capitals</h3>";
echo "<table border=1>";
echo "<tr><th>Country</th><th>Capital</th></tr>";
for($k=0;$k<$j;$k++)
{
echo "<tr><td>".$newarray[0][$k]."</td>";
echo "<td>".$newarray[1][$k]."</td></tr>";
}
echo "</table>";
?>
</body>
</html>
```



LOGIN

Username Piyush

Password ••••••••

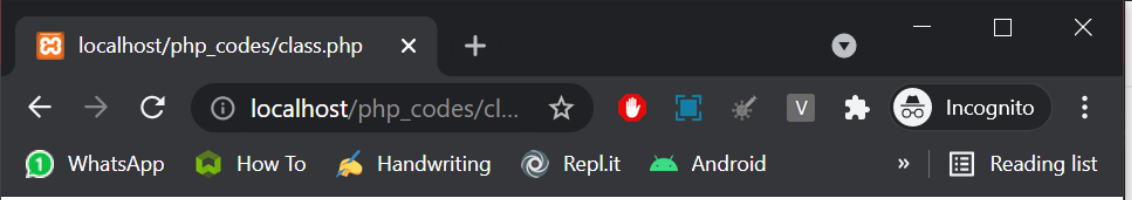
Submit Reset

Fatal error: Uncaught Error: Call to undefined function mysql_connect() in C:\xampp\htdocs\php_codes\login.php:19 Stack trace: #0 {main} thrown in **C:\xampp\htdocs\php_codes\login.php** on line **19**

login.php - Notepad

File Edit Format View Help

```
<!-- Create a login form with two text fields called “login” and “password”.
When user enters “UUCSE” as a user name and “university” as a password. It
should be redirected to a Welcome.HTML page or to Sorry.HTML in case of
wrong username/password -->

<html>
<head><title>Login Page</title></head>
<body>
<center><h3>LOGIN</h3><hr>
<form method="post" action="login.php" >
<table border="0" >
<tr><td><B>Username</B></td><td><input type="text" name="userid"></tr>
<tr><td><B>Password</B></td><td><input name="password"
type="password"></input></td></tr><br/>
<tr><td><input type="submit" value="Submit"/>
<td><input type="reset" value="Reset"/></tr>
</table></form></center>
</body></html>
<?php
$f_usr= $_POST["userid"];
$f_pswd= $_POST["password"];
$con=mysql_connect("localhost","root","");
if(! $con) {
die('Connection Failed'.mysql_error()); }
mysql_select_db("abc",$con);
$result=mysql_query("select * from login1");
while($row=mysql_fetch_array($result)) {
if($row ["username"]==$f_usr && $row["password"]==$f_pswd) {
echo"Welcome : $f_usr";
}
else{
echo"Sorry $f_usr, your user id or password is not correct";
include("login1.html"); }
} ?>
</h1></center>
</body></html>
```

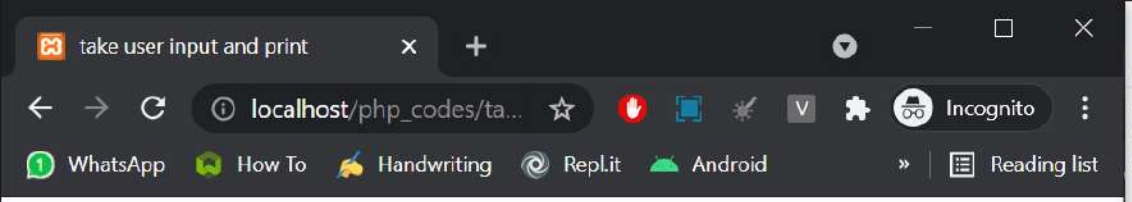


RollNo	Name	Branch	Year
6	Anup	MLAI	2019
21	Piyush	MLAI	2019
32	Vishwadeep	MLAI	2019

class.php - Notepad

File Edit Format View Help

```
<!-- Write a PHP code that define class Student with attributes RollNo,
Name, Branch, and Year. Create 3 instances of it, sets the values of each
instance appropriately and print the values of all attributes. -->

<?php
class Student {
public $RollNo;
public $Name;
public $Branch;
public $Year;
function set($RollNo, $Name, $Branch, $Year) {
$this->RollNo=$RollNo;
$this->Name=$Name;
$this->Branch=$Branch;
$this->Year=$Year; }
function getRollNo() { return $this->RollNo; }
function getname() { return $this->Name; }
function getBranch() { return $this->Branch; }
function getYear() { return $this->Year; }
function __construct() {}
function __destruct() {}
}
$obj[1] =  new Student();
$obj[2] =  new Student();
$obj[3] =  new Student();
$obj[1] -> set(6,"Anup","MLAI",2019);
$obj[2] -> set(21,"Piyush","MLAI",2019);
$obj[3] -> set(32,"Vishwadeep","MLAI",2019);
echo "<table border=1>";
echo "<tr><th>RollNo</th><th>Name</th><th>Branch</th><th>Year</th></tr>";
for($j=1;$j<4;$j++)
{
echo "<tr><td>".$obj[$j]->getRollNo()."</td>";
echo "<td>".$obj[$j]->getName()."</td>";
echo "<td>".$obj[$j]->getBranch()."</td>";
echo "<td>".$obj[$j]->getYear()."</td></tr>";
}
?>
```



Enter your favorite city:

Dehradun Submit

Welcome to the Dehradun

take user input and print.php - Notepad

File Edit Format View Help

```
<!-- Create a form with a text box asking to enter your favorite city with a
submit button when the user enters the city and clicks the submit button
another PHP page should be opened displaying “Welcome to the city” -->

<html>
<head>
<title>take user input and print</title>
</head>
<body>
<form method='POST'>
<h2>Enter your favorite city:</h2>
<input type="text" name="name">
<input type="submit" value="Submit">
</form>

<?php
$name = $_POST['name'];
echo "<h3> Welcome to the $name </h3>";
?>
</body>
</html>
```

king Piyush UPGRADE

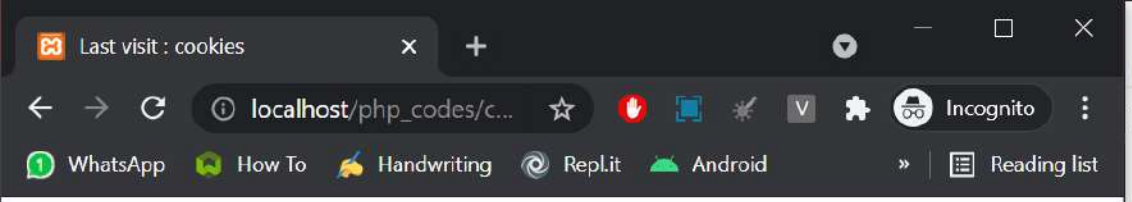
File Home Annotation Share

Page 16/27 Last saved 6/7/2021 12:46 PM 100%

session.php - Notepad

File Edit Format View Help

```
<!-- Write a PHP program to store page views count in SESSION, to increment
the count on each refresh, and to show the count on web page. -->

<html>
<head>
<title>Page views : session</title>
</head>
<body>
<h1> WebTech Through PHP Lab</h1>
<p> PHP program to store page views count in SESSION, to increment the count
on each refresh, and to show the count on web page. </p>
<hr>
<p style="color:blue; font-style: italic">
<?php
session_start();
session_register("count");
if (!isset($_session[count]))
{
$_sessionN["count"] = 0;
echo "Counter initialized... <br />";
}
else { $_session["count"]++; }
echo "Number of Page Views : <b>$_session[count]</b></p>";
?>
<p>Reload this page to increment</p>
</body>
</html>
```



WebTech Through PHP Lab

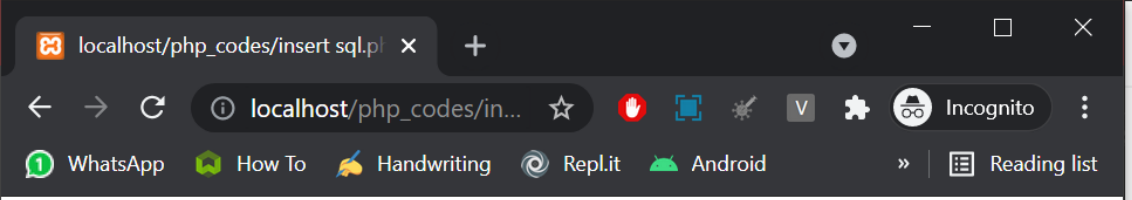
PHP program to store current date-time in COOKIE and display the “Last visited on” date-time on web page upon reopening of same page.

Last Visited on : 18:31 - 06/07/21

cookie.php - Notepad

File Edit Format View Help

```
<!-- Write a PHP program to store current date-time in COOKIE and display
the “Last visited on” date-time on web page upon reopening of same page. -->

<html>
<head>
<title>Last visit : cookies</title>
</head>
<body>
<h1> WebTech Through PHP Lab</h1>
<p> PHP program to store current date-time in COOKIE and display the “Last
visited on” date-time on web page upon reopening of same page. </p>
<hr>
<p style="color:blue; font-style: italic">
<?php
date_default_timezone_set('Asia/Calcutta');
$inTwoMonths = 60 * 60 * 24 * 60 + time();
setcookie('lastVisit', date("G:i - m/d/y"), $inTwoMonths);
if(isset($_COOKIE['lastVisit']))
{
$visit = $_COOKIE['lastVisit'];
echo "Last Visited on : ".$visit;
}
else
echo "You've got some old cookies!";
?>
</p>
</body>
</html>
```



Insert Information

Name: Piyush
Address Line 1: Bhauwala
Address Line 2: Dehradun
Email-ID: piyush@gmail.com
insert reset

Search Information

Name: Piyush
search reset

Search Result

Name	Address Line 1	Address Line 2	Email-ID

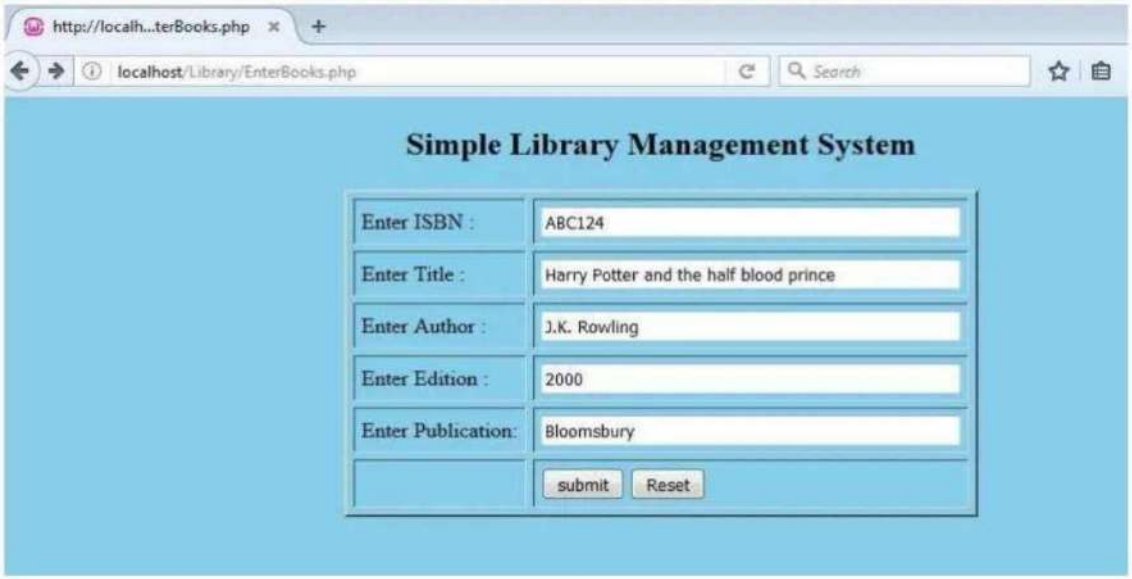
insert sql.php - Notepad

File Edit Format View Help

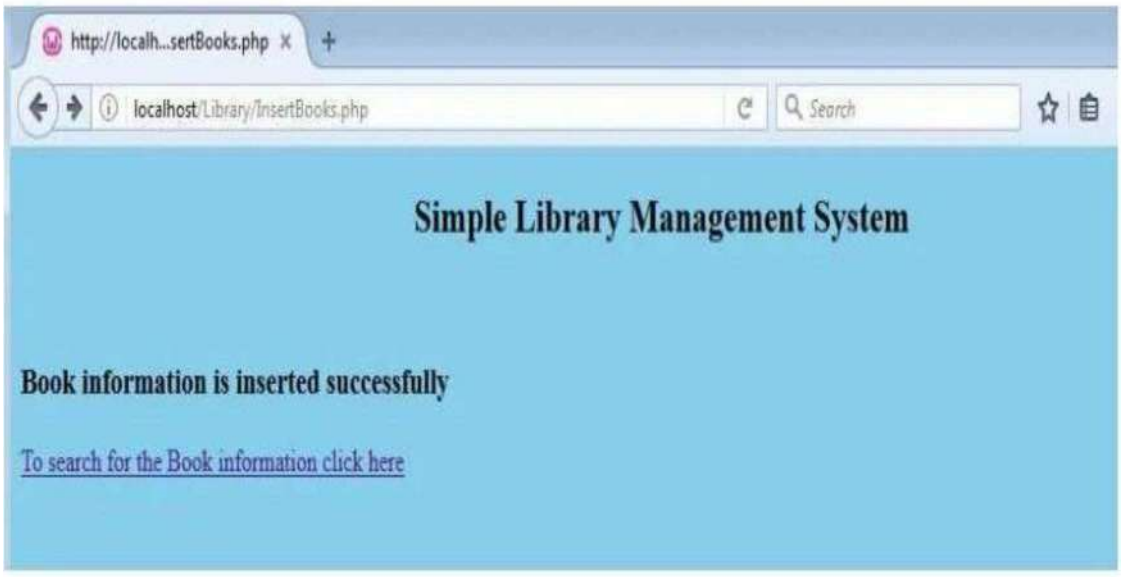
```
<!-- Create a HTML form with Name, Address Line 1, Address Line 2, and
E-mail text fields. On submitting, store the values in MySQL table.
Retrieve and display the data based on Name -->

<html>
<h2>Insert  Information</h2>
<form>
Name: <input  type=text  name=name><br>
Address  Line  1: <input  type=text  name=addr1><br>
Address  Line  2: <input  type=text  name=addr2><br>
Email-ID:<input  type=email  name=email><br>
<input  type=submit  value=insert>
<input  type=reset  value=reset>
</form>
<h2>Search  Information</h2>
<form>
Name:<input  type=text  name=name><br>
<input  type=submit  value=search>
<input  type=reset  value=reset>
</form>
</html>

<?php
if(isset($_POST['submit']))
{
$name  =  $_REQUEST['name'];
$addr1  =  $_REQUEST['addr1'];
$addr2  =  $_REQUEST['addr2'];
$email  =  $_REQUEST['email'];
$con  =  mysql_connect("localhost")  or  die('Could  not  connect');
mysql_select_db("test",$con);
if  (mysql_query("insert  into  student
values('$name','$addr1','$addr2','$email')"))  {
echo  "Data  inserted  successfully!";
}
mysql_close($con);
}
?>
```

<!-- Using PHP and MySQL, develop a program to accept book information viz. Accession number, title, authors, edition and publisher from a web page and store the information in a database and to search for a book with the title specified by the user and to display the search results with proper headings. -->

```
//EnterBooks.php
<html>
<body bgcolor="87ceeb">
<center><h2>Simple Library Management System</h2></center>
<form action="InsertBooks.php" method="post">
<table border="2" align="center" cellpadding="5" cellspacing="5">
<tr>
<td> Enter ISBN :</td>
<td> <input type="text" name="isbn" size="48"> </td>
</tr>
<tr>
<td> Enter Title :</td>
<td> <input type="text" name="title" size="48"> </td>
</tr>
<tr> <td> Enter Author :</td>
<td> <input type="text" name="author" size="48"> </td> </tr>
<tr> <td> Enter Edition :</td>
<td> <input type="text" name="edition" size="48"> </td> </tr>
<tr> <td> Enter Publication: </td>
<td> <input type="text" name="publication" size="48"> </td> </tr>
<tr> <td></td>
<td> <input type="submit" value="submit"> <input type="reset" value="Reset"> </td> </tr>
</table>
</form>
</body>
</html>
```

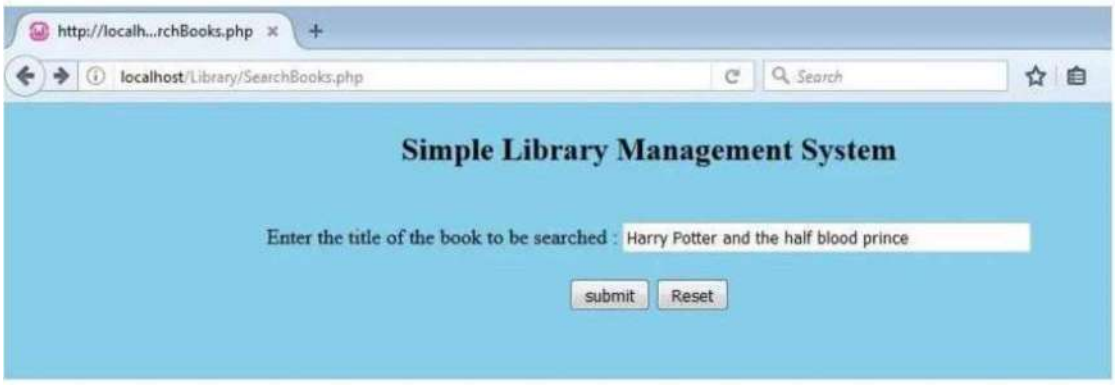


```
//InsertBooks.php
<html>
<head>
<title>
InsertBooks
</title>
</head>
<body bgcolor="87ceeb">
<center>
<h2>Simple Library Management System</h2>
</center>
<br>
<?php
include("DBConnection.php");
$isbn=$_POST["isbn"];
$title=$_POST["title"];
$author=$_POST["author"];
$edition=$_POST["edition"];
$publication=$_POST["publication"];
$query = "insert into book_info(isbn,title,author,edition,publication)
values('$isbn','$title','$author','$edition','$publication')";
$result = mysqli_query($db,$query);
?>
<h3> Book information is inserted successfully </h3>
<a href="SearchBooks.php"> To search for the Book information click here </a>
</body>
</html>
```



//SearchBooks.php

```
<html>
<head>
<title>
SearchBooks
</title>
</head>
<body bgcolor="87ceeb">
<center>
<h2>
Simple Library Management System
</h2>
</center>
<form action = "DisplayBooks.php" method="get">
<br>
<center>
Enter the title of the book to be searched :
<input type="text" name="search" size="48">
<br>
<input type="submit" value="submit">
<input type="reset" value="Reset">
</center>
<br>
</form>
</body>
</html>
```



```
//DisplayBooks.php
<html>
<body bgcolor="87ceeb">
<center><h2>Simple Library Management System</h2></center>
<br>
<?php
include("DBConnection.php");
$search = $_REQUEST["search"];
$query = "select ISBN,Title,Author,Edition,Publication from book_info where title like
'%$search%'"; //search with a book name in the table book_info
$result = mysqli_query($db,$query);
if(mysqli_num_rows($result)>0)if(mysqli_num_rows($result)>0)
{
?>
<table border="2" align="center" cellpadding="5" cellspacing="5">
<tr>
<th> ISBN </th>
<th> Title </th>
<th> Author </th>
<th> Edition </th>
<th> Publication </th>
</tr>
<?php while($row = mysqli_fetch_assoc($result))
{
?>
<tr>
<td><?php echo $row["ISBN"];?> </td>
<td><?php echo $row["Title"];?> </td>
<td><?php echo $row["Author"];?> </td>
<td><?php echo $row["Edition"];?> </td>
<td><?php echo $row["Publication"];?> </td>
</tr>
<?php
}
}
else
echo "<center>No books found in the library by the name $search </center>" ;
?>
</table>
</body>
</html>
<br>
```

File Upload

localhost/php_codes/fil...

Incognito

WhatsApp | How To | Handwriting | Repl.it | Android | Reading list

Select Image : Choose File PB.png

Upload

Sucessfully Uploaded

file upload.php - Notepad

File Edit Format View Help

```
<!-- Create an HTML page with browse and submit to upload an image file.
Write a PHP script to upload and display an image file.-->

<html>
<head>
<title>File Upload</title>
</head>
<body>
<form action="file upload.php" enctype="multipart/form-data" method="post">
Select Image :
<input type="file" name="file"><br>
<input type="submit" value="Upload" name="Submit"><br>
</form>

<?php
if(isset($_POST['Submit']))
{
$filepath = "./" . $_FILES["file"]["name"];
if(move_uploaded_file($_FILES["file"]["tmp_name"], $filepath))
{
echo "Sucessfully Uploaded"."<br>";
echo "<img src=".$filepath." height=200 width=300>";
}
else
{
echo "Error!";
}
}
?>
</body>
</html>
```