**LAB CYCLE 5**

**Submitted By,**

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**Roll No: 107**

**Program No:2**

**AIM: Using php and mysql,develop a program to accept book information viz Accession number,title,author,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.**

**Program Code**

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| --- | --- |
| **EnterBooks.php** | <!DOCTYPE HTML>  <html>  <body bgcolor="pink">  <center><h2>Simple Library Management System</h2></center>  <!--Once the form is submitted, all the form data is forwarded to InsertBooks.php -->  <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 | <!DOCTYPE HTML>  <html>  <body bgcolor="pink">  <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')"; //Insert query to add book details into the book\_info table  $result = mysqli\_query($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 | <!DOCTYPE HTML>  <html>  <body bgcolor="pink">  <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></br>  <input type="submit" value="submit">  <input type="reset" value="Reset">  </center>  <br>  </form>  </body>  </html> |
| DisplayBooks.php | <!DOCTYPE HTML>  <html>  <body bgcolor="pink">  <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> |
| DBConnection.php | <?php  //Establishing connection with the database  define('DB\_SERVER', 'localhost:3306');  define('DB\_USERNAME', 'root');  define('DB\_PASSWORD', '');  define('DB\_DATABASE', 'books'); //where profile is the database  $db = mysqli\_connect(DB\_SERVER,DB\_USERNAME,DB\_PASSWORD,DB\_DATABASE);  ?> |

**OUTPUT:**







