

1)Using php & 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 display the search results with proper heading

Ans:

```
<!DOCTYPE HTML>
```

```
<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>
```

Enterbook.php

```
<!DOCTYPE HTML>
```

```
<html>
```

```
<body bgcolor="87ceeb">
```

```
<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>

Insertbook.php

<!DOCTYPE HTML>

<html>

<body bgcolor="87ceeb">

<center><h2>Simple Library Management System</h2></center>

<?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>
```

[Serachbook.php](#)

```
<!DOCTYPE HTML>
```

```
<html>
```

```
<body bgcolor="87ceeb">
```

```
<center><h2>Simple Library Management System</h2></center>
```


<?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>

 To search for the Book information click here

</body>

</html>

Dbconnection.php

<?php

\$servername = "localhost";

\$username = "root";

\$password = "password";

\$databasename= "books";

// Create connection

\$db = mysqli_connect(\$servername, \$username, \$password,\$databasename);

// Check connection

```

if ($conn->connect_error) {

    die("Connection failed: " . $conn->connect_error);

}

echo "Connected successfully";

?>

```

output

| Book Management System | | | | |
|------------------------|------------|--------|---------|-------------|
| ISBN | Title | Author | Edition | Publication |
| 1000 | library | a | ten | minns |
| 2000 | xdcfvbhnjk | xvbn m | xcvbn | cxdbhjfkm |

← → ↻ localhost/book/EnterBooks.php

Book Management System

| | |
|---------------------------------------|---|
| ISBN | <input type="text" value="2000"/> |
| Title | <input type="text" value="xdcfvbhnjk"/> |
| Author | <input type="text" value="xvbn m"/> |
| Edition | <input type="text" value="xcvbn"/> |
| Publication | <input type="text" value="cxdbhjfkm"/> |
| <input type="button" value="submit"/> | |

