

Module 7

Develop Add Student Profile Page to store data into the database and develop a webpage to retrieve the student details based on the Roll Number or any unique ID.

Aim:

To Develop Add Student Profile Page to store data into the database and develop a webpage to retrieve the student details based on the Roll Number or any unique ID.

Procedure:

1. Open XAMPP control panel.
2. Start Apache server and MySQL Server.
3. Start PHPMyAdmin through XAMPP control panel.
4. Open any text editor like notepad or Sublime.
5. Create a database, and a table to store student data.

Database: TEST

Table: Student_Infomation(Name, Student_ID, Gender, DOB, Mobile_Number, emailID, Father_Name, Father_Mobile_Number, Address)

6. Develop “.htm” (for submitting the student profile data) and “.php” source code files (to retrieve student data and display).
7. Save them in a “targeted directory” created in “htdocs” predefined directory (provided by “XAMPP” software, at the time of installation).
8. In the “.php” files implement file handling mechanism to store log details.
9. Once saved, open any browser.
10. In the address bar, type http://localhost/target_directory. You will get index of target_directory.
11. Open student_profile.htm to submit student’s data.
12. Once submitted, open data_retrieval.htm to retrieve required student’s data.

Directory Structure:

Index of /b_section/Module_7_B

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
 Parent Directory		-	
 Data_Retrieval.htm	2023-11-27 10:13	347	
 fetch_record.php	2023-11-29 10:25	1.3K	
 student_profile.htm	2023-11-23 12:15	2.5K	
 student_profile.php	2023-11-29 10:16	934	

Apache/2.4.56 (Win64) OpenSSL/1.1.1t PHP/8.2.4 Server at localhost Port 80

Table Used:

Server: 127.0.0.1 » Database: test » Table: stu_info_101

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Table structure

Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
<input type="checkbox"/> 1	Name	varchar(50)	latin1_swedish_ci		No	None		
<input type="checkbox"/> 2	stuID	int(5)			No	None		AUTO_INCREMENT
<input type="checkbox"/> 3	Gender	varchar(10)	latin1_swedish_ci		No	None		
<input type="checkbox"/> 4	DOB	date			No	None		
<input type="checkbox"/> 5	MbIno	int(10)			No	None		
<input type="checkbox"/> 6	emailID	varchar(20)	latin1_swedish_ci		No	None		
<input type="checkbox"/> 7	Father_Name	varchar(40)	latin1_swedish_ci		No	None		
<input type="checkbox"/> 8	Father_MbIno	int(10)			No	None		
<input type="checkbox"/> 9	Address	int(40)			No	None		

Source Code:

student_profile.htm

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <meta charset="utf-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1">
```

```
    <title>Student Profile</title>
```

```
</head>
```

```
<body>
```

```
    <form method="post" action="student_profile.php">
```

```
        <table align="center">
```

```
            <tr>
```

```
                <td colspan="3" align="center">
```

```
                    <h2>Student Registration Form</h2>
```

```
                </td>
```

```
            </tr>
```

```
        </table>
```

```
<td>
    <label>First Name</label>
</td>
<td colspan="2">
    <input type="text" maxlength="25" size=20 name="fname">
</td>
</tr>
<tr>
<td>
    <label>Middle Name</label>
</td>
<td colspan="2">
    <input type="text" maxlength="25" size=20
name="mname">
</td>
</tr>
<tr>
<td>
    <label>Last Name</label>
</td>
<td colspan="2">
    <input type="text" maxlength="25" size=20 name="lname">
</td>
</tr>
<tr>
<td>
    <label>Sur Name</label>
</td>
<td colspan="2">
    <input type="text" maxlength="25" size=20
name="sname">
</td>
```

```
</tr>
<tr>
  <td colspan=3>
    <label>Gender</label>
  </td>
</tr>
<tr>
  <td>
    <input type="radio" name="gender" value="Male">
    <label>Male</label>
  </td>
  <td>
    <input type="radio" name="gender" value="Female">
    <label>Female</label>
  </td>
  <td>
    <input type="radio" name="gender" value="Others">
    <label>Others</label>
  </td>
</tr>
<tr>
  <td>
    <label>Date of Birth</label>
  </td>
  <td colspan="2">
    <input type="date" name="dob">
  </td>
</tr>
<tr>
  <td>
    <label>Mobile Number</label>
```

```
</td>
<td colspan="2">
    <input type="tel" pattern="[0-9]{10}" name="mblno">
</td>
</tr>
<tr>
<td>
    <label>e-mail ID</label>
</td>
<td colspan="2">
    <input type="e-mail" name="mailid">
</td>
</tr>
<tr>
<td>
    <label>Father Name</label>
</td>
<td colspan="2">
    <input type="text" maxlength="50" size="20"
name="f_name">
</td>
</tr>
<tr>
<td>
    <label>Father's Mobile Number</label>
</td>
<td colspan="2">
    <input type="tel" pattern="[0-9]{10}" name="f_mblno">
</td>
</tr>
<tr>
```

```
<td>
    <label>Address for Communication</label>
</td>
<td colspan=2>
    <textarea rows=5 cols=21 name="address">
        Address Here
    </textarea>
</td>
</tr>
<tr>
    <td colspan="3" align="right">
        <input type="submit" value="Register">
    </td>
</tr>
</table>
</form>
</body>
</html>
```

Student_profile.php

```
<?php
    $host = "localhost";
    $user = "root";
    $password = "";
    $db = "test";
    $conn = new mysqli($host, $user, $password, $db);
    if (!$conn)
    {
        die("Connection Failed ")." ".connect_error;
    }
    else{
        $fn = $_POST['fname'];
```

```

$mn = $_POST['mname'];
$ln = $_POST['lname'];
$sn = $_POST['sname'];
$name = $fn." ".$mn." ".$ln." ".$sn;
$gender = $_POST['gender'];
$dob = $_POST['dob'];
$mblno = $_POST['mblno'];
$mailid = $_POST['mailid'];
$f_name = $_POST['f_name'];
$f_mblno = $_POST['f_mblno'];
$_add = $_POST['address'];

$sql = "insert into stu_info_101(Name, Gender, DOB, MblNo, emailID, Father_Name,
Father_MblNo, Address) values('$name', '$gender', '$dob', $mblno, '$mailid', '$f_name', $f_mblno,
'$_add')";

if($conn->query($sql) === TRUE)
    echo "Congratulations, Registered Successfully !";
else
    echo "Error Occurred ! Please Re-register !";

$conn->close();
}
?>

```

data_retrieval.htm

```

<html>
<head>
<title>Retrieving Student Record</title>
</head>
<body>
<div>
<form method="post" action="fetch_record.php">
<div>
<label>Student ID</label>
<input type="text" size=15 name="stuid">

```

```

        </div>

        <div>

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

        </div>

    </form>

</div>

</body>

</html>

```

fetch_record.php

```

<?php

    $host = "localhost";

    $user = "root";

    $password = "";

    $db = "test";

    $conn = new mysqli($host, $user, $password, $db);

    if(!$conn)

    {

        die("Connection Failed");

    }

    else

    {

        $sid = $_POST['stuid'];

        $sql = "select * from stu_info_101 where stuID = ".$sid;

        $rs = $conn->query($sql);

        if($rs->num_rows>0)

        {

            $rec = $rs->fetch_assoc();

            echo "<table border=1 align=center cellpadding=5>

            <tr>

                <td colspan=2 align='center'>".$rec['Name']."'s Profile</td>

            </tr>

```



```
<tr>
    <td>Name</td>
    <td>".$rec['Name']. "</td>
</tr>
<tr>
    <td>Student ID</td>
    <td>".$rec['stuID']. "</td>
</tr>
<tr>
    <td>Gender</td>
    <td>".$rec['Gender']. "</td>
</tr>
<tr>
    <td>Date of Birth</td>
    <td>".$rec['DOB']. "</td>
</tr>
<tr>
    <td>Mobile Number</td>
    <td>".$rec['MblNo']. "</td>
</tr>
<tr>
    <td>e-mail ID</td>
    <td>".$rec['emailID']. "</td>
</tr>
<tr>
    <td>Father Name</td>
    <td>".$rec['Father_Name']. "</td>
</tr>
<tr>
    <td>Father's Mobile Number</td>
    <td>".$rec['Father_MblNo']. "</td>
```

```

        </tr>

        <tr>

            <td>Address</td>

            <td>".$rec['Address']."</td>

        </tr>

    </table>";

}

else

{

    echo "No data found !";

}

$conn->close();

}

?>

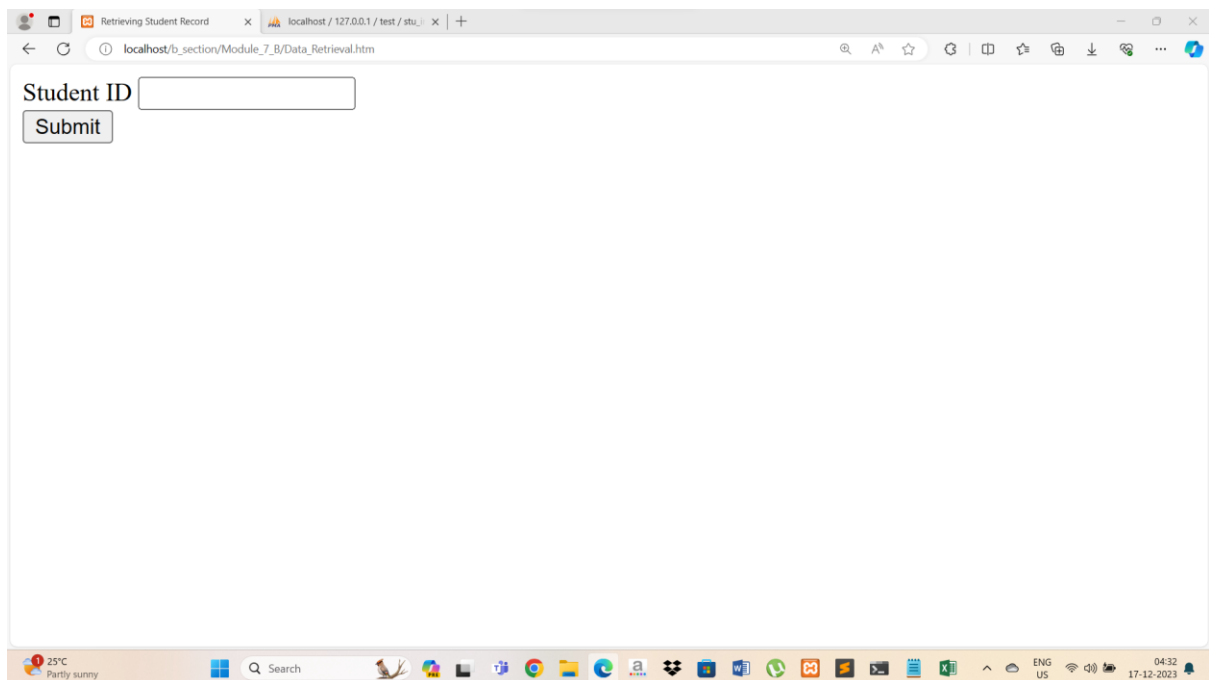
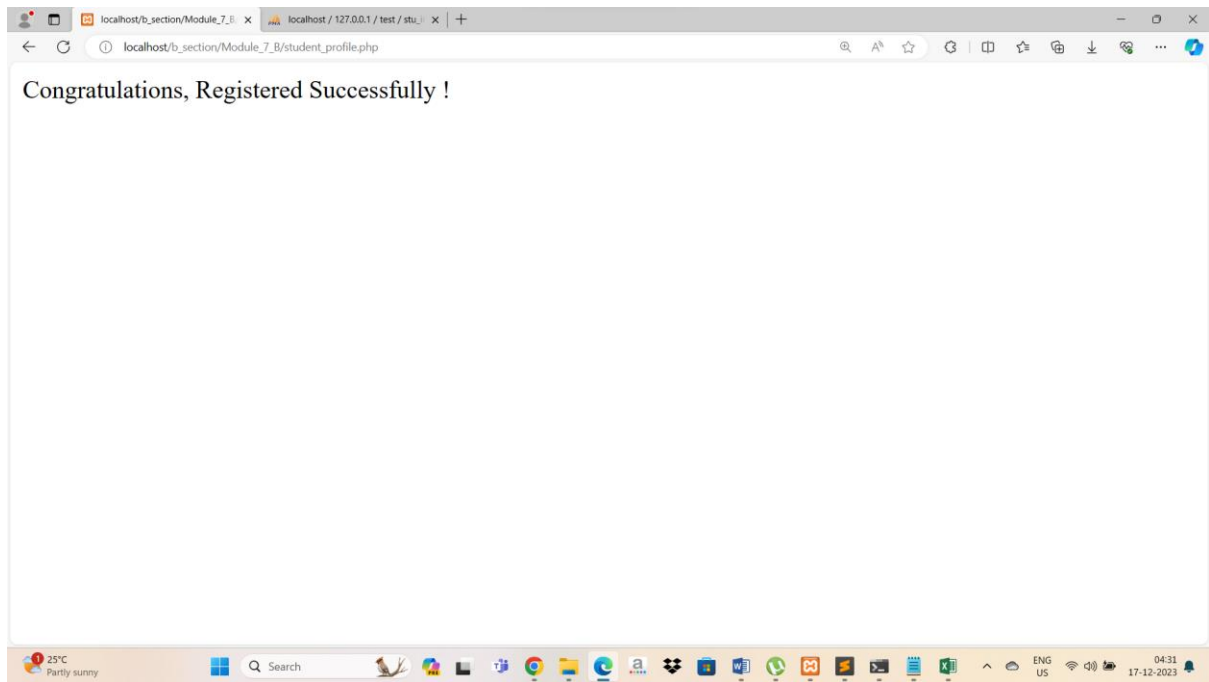
```

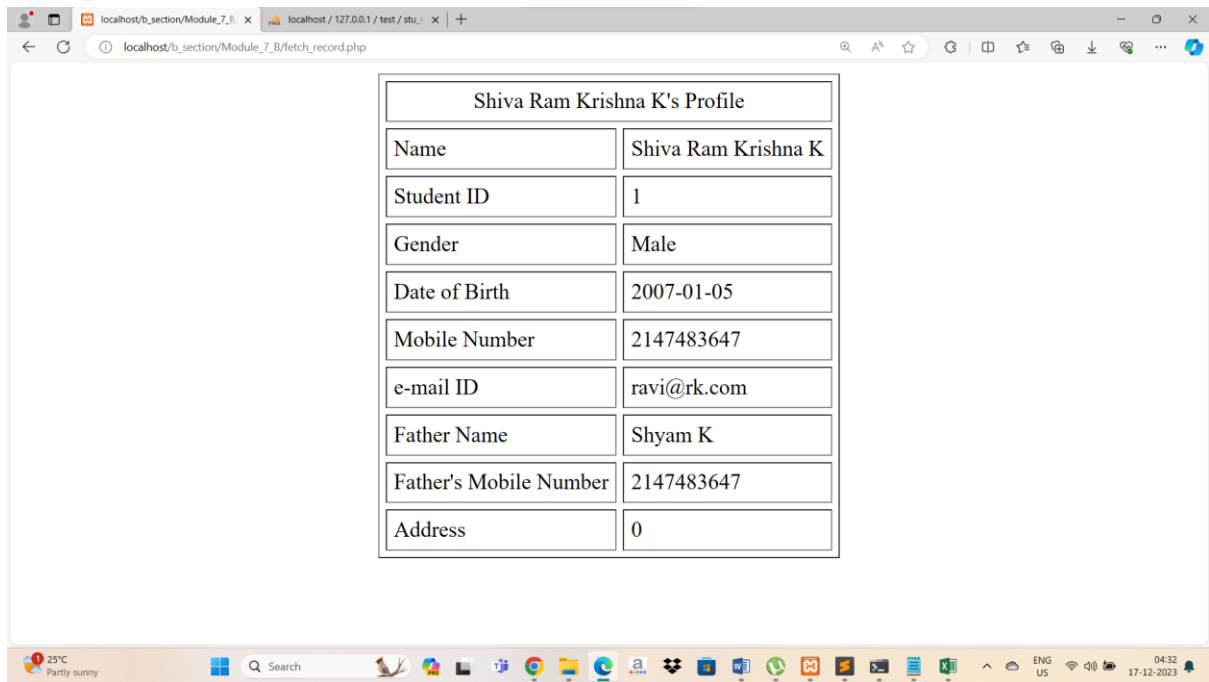
Output:

The screenshot shows a web browser window with the title 'Student Profile' and the URL 'localhost/b_section/Module_7_B/student_profile.htm'. The page displays a 'Student Registration Form' with the following fields and values:

First Name	Shiva
Middle Name	Ram
Last Name	Krishna
Sur Name	K
Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Others
Date of Birth	05 - 01 - 2007
Mobile Number	9874563210
e-mail ID	ravi@rk.com
Father Name	Shyam K
Father's Mobile Number	7896541320
Address for Communication	HYD

A 'Register' button is located at the bottom right of the form.





Shiva Ram Krishna K's Profile	
Name	Shiva Ram Krishna K
Student ID	1
Gender	Male
Date of Birth	2007-01-05
Mobile Number	2147483647
e-mail ID	ravi@rk.com
Father Name	Shyam K
Father's Mobile Number	2147483647
Address	0

Result:

Hereby, to store data into the database and to retrieve the student details based on the Roll Number or any unique ID, web pages were developed and run.