PRACTICAL-7

Aim: Develop applications using PHP and MYSQL

Practical-7.1: Make an application using PHP that collects student information like name, PEN, Gender (use Radio Button), Branch (use Drop Down Box), Semester, Contact number (Text Box should masked with numbers only) and address. Create buttons for Insert, Delete, Update and Retrieve the details in/from the database. Alter the table to add a column and add data in that new column

Program:

```
<html>
<title>Practical-7_1</title>
<style>
body{
background-image:url('homepage.jpg');
background-size: 100% 100%;
}
h1{
color:white;
}
h2{
color:white;
}
a{
color:yellow;
}
</style>
<body >
<center>
<h1>Student Information</h1>
<h2>Insert data:-<a href="insert.php">Insert</a><br><br></h2>
```

```
<h2>Delete data:-<a href="delete.php">Delete</a><br><br></h2>

<h2>Update data:-<a href="update.php">Update</a><br><br></h2>

<h2>Retrive data:-<a href="retrieve.php">Retrive</a><br><br></h2>

</body>

</html>
```

OUTPUT:

Student Information

Insert data:-Insert

Delete data:-Delete

Update data:-Update

Retrive data:-Retrive

insert.php

```
<html>

<head>

</head>

<body>

<div>

<center>
```

```html
<h1>Enter data for Student</h1>
<form method="post">
Name:<input type="text" name="name"/><br><br>
Pen No:<input type="text" name="rno"/><br><br>
Gender:
<input type="radio" name="gender" value="MALE"/>Male
<input type="radio" name="gender" value="FEMALE"/>Female
<br><br>
Branch:
<select name="branch">
<option value="Computer">Computer</option>
<option value="Civil">Civil</option>
<option value="Electrical">Electrical</option>
<option value="Mechanical">Mechanical</option>
<option value="Mechanical">Chemical</option>
</select>
<br><br>
Semester:<input type="number" name="sem"/><br><br>
Contact number:<input type="number" name="cno"/><br><br>
<input type="submit" name="OK" /> <a href="pr_7-1_home_page.php">Home</a>
</form>
</center>
<?php
$con=mysqli_connect("localhost","root","","student");
if(isset($_POST['OK']))
{
$name =$_POST['name'];
$rno =$_POST['rno'];
$gender=$_POST['gender'];
$branch=$_POST['branch'];
```

```
$sem=$_POST['sem'];

$cno=$_POST['cno'];

$sql="INSERT INTO pr7student (name,rno,gender,branch,sem,cno) VALUES

('$name','$rno','$gender','$branch','$sem','$cno')";

if ($con->query($sql) === TRUE)

{

echo "<br>New record created successfully";

}

else

{

echo "Error: " . $sql . "<br>" . $con->error;

}

}

?>

</div>

</body>

</html>
```

OUTPUT:

Enter data for Student

Name: yashlalmarvadi

Pen No: 190840131033

Gender: ● Male ○ Female

Branch: Computer ▾

Semester: 6

Contact number: 6352172990 ↕

Submit Home

New record created successfully

name	rno	gender	branch	sem	cno
yashlalmarvadi	2147483647	MALE	Computer	6	2147483647
yashlalmarvadi	2147483647	MALE	Computer	6	1234567890
divyesh	2147483647	MALE	Computer	6	2147483647
raju	2147483647	MALE	Computer	6	2147483647
raju	2147483647	MALE	Computer	6	2147483647

delete.php

```
<form method="post">

roll no:<input type="text" name="rno"/><br><br>

</from>

<input type="submit" name="OK" /> <a href="pr_7-1_home_page.php">Home</a>

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "studentpr7";

$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error) {

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

}

if(isset($_POST['OK']))

{

$rno =$_POST['rno'];

$sql = "DELETE FROM pr7student WHERE rno=$rno";

if ($conn->query($sql) === TRUE)

{

echo "<br>Record deleted successfully";
```
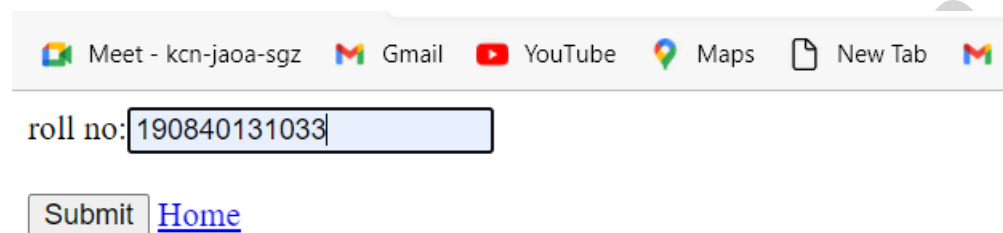
```
}
else
{
echo "<br>Error deleting record: " . $conn->error;
}
}
$conn->close();
?>
```

OUTPUT:

roll no: 190840131033

Submit Home

---

roll no: [   ]

Submit Home
Record deleted successfully

+ Options

name	rno	gender	branch	sem	cno
yashlalmarvadi	2147483647	MALE	Computer	6	2147483647
yashlalmarvadi	2147483647	MALE	Computer	6	1234567890
divyesh	2147483647	MALE	Computer	6	2147483647
raju	2147483647	MALE	Computer	6	2147483647
raju	2147483647	MALE	Computer	6	2147483647

update.php

```php
<form method="post">
<h1>Enter the values to update:</h1>
Name:<input type="text" name="name"/><br><br>
Roll no:<input type="text" name="rno"/><br><br>
</from>
<input type="submit" name="OK" /> <a href="pr_7-1_home_page.php">Home</a>
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "studentpr7";
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error)
{
die("Connection failed: " . $conn->connect_error);
}
if(isset($_POST['OK']))
{
$name =$_POST['name'];
$rno =$_POST['rno'];
$sql = "UPDATE pr7student SET name='$name' WHERE rno=$rno";
if ($conn->query($sql) === TRUE)
{
echo "Record updated successfully";
}
else
{
```

```
echo "<br>Error update record: " . $conn->error;

}

}

$conn->close();

?>
```

OUTPUT:

name	rno	gender	branch	sem	cno
yashlalmarvadi	2147483647	MALE	Computer	6	2147483647
yashlalmarvadi	2147483647	MALE	Computer	6	1234567890
divyesh	2147483647	MALE	Computer	6	2147483647
raju	2147483647	MALE	Computer	6	2147483647
raju	2147483647	MALE	Computer	6	2147483647

+ Options

Enter the values to update:

Name: rajesh

Roll no: 2147483647

Submit Home

+ Options

name	rno	gender	branch	sem	cno
rajesh	2147483647	MALE	Computer	6	2147483647

retrieve.php

```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "studentpr7";
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error)
{
die("Connection failed: " . $conn->connect_error);
}
$result = mysqli_query($conn,"SELECT * FROM pr7student");
?>
<html>
<head>
<title>Retrive data</title>
</head>
<body>
<?php
if (mysqli_num_rows($result) > 0) {
?>
<table>
<tr>
<td>Name</td>
<td>Roll number</td>
<td>Gender</td>
<td>Branch</td>
<td>Semester</td>
```

```php
<td>Contact Number</td>

</tr>

<?php

$i=0;

while($row = mysqli_fetch_array($result)) {

?>

<tr>

<td><?php echo $row["name"]; ?></td>

<td><?php echo $row["rno"]; ?></td>

<td><?php echo $row["gender"]; ?></td>

<td><?php echo $row["branch"]; ?></td>

<td><?php echo $row["sem"]; ?></td>

<td><?php echo $row["cno"]; ?></td>

</tr>

<?php

$i++;

}

?>

</table>

<?php

}

Else

{

echo "No result found";

}

?>

<a href="pr_7-1_home_page.php">Home</a>

</body>

</html>
```

OUTPUT:

Name	Roll number	Gender	Branch	Semester	Contact Number
rajesh	2147483647	MALE	Computer	6	2147483647
rajesh	2147483647	MALE	Computer	6	1234567890
rajesh	2147483647	MALE	Computer	6	2147483647
rajesh	2147483647	MALE	Computer	6	2147483647
rajesh	2147483647	MALE	Computer	6	2147483647
yash mevada	2147483647	MALE	Computer	6	2147483647
stud	2147483643	MALE	Computer	5	1234567890

Home

Practical-7.2: Customize your own WebPages/web application. You may use HTML, Frame Navigation, CSS, JavaScript's, PHP, Cookies, Session, MYSQL Database Manipulation (Insert, Delete, Update and Retrieve), URL Redirecting, File Uploads, and WEB SERVICES

Program:

Login page

```
<html>
<title>Practical 7_2</title>
<style>
h1{
color:Blue;
}
h3{
color:#6606ad;
}
a{
color:blue;
}
</style>
<body >
<center>
<fieldset>
<h1><u>Welcome</u></h1>
<h2>Login to Continue
</h2>
<form action="home_page.php" method="post" style="padding-top: 50px">
<div class="container">
<label for="uname"><b>Username</b></label>
<input type="text" placeholder="Enter Username" name="uname" required>
<br><br>
<label for="pass"><b>Password</b></label>
```

```
<input type="password" placeholder="Enter Password" name="pass" required><br><br>
<button type="submit" name="OK">Login</button><br><br>
<label>
<input type="checkbox" checked="checked" name="remember">
Remember me
</label>
</div>
<div class="container">
<button type="button" class="cancelbtn">Cancel</button><br><br>
</form>
</fieldset>
</div>
</center>
<?php
$con=mysqli_connect("localhost","root","","student");
if(isset($_POST['OK']))
{
$uname =$_POST['usrname'];
$pass =$_POST['pass'];
// $sql=mysqli_query($con,"INSERT INTO login (usern,pass) VALUES ('$uname','$pass')");
$sql=mysqli_query($con,"INSERT INTO login_page (usrname,pass) VALUES ('$uname','$pass')");
}
?>
</body>
</html>
```

OUTPUT:

Home Page

<html>

<title>Practical-7_1</title>

<style>

body{

background-color: black;

background-size: 100% 100%;

}

h1{

color:white;

}

h2{

color:white;

}

a{

color:yellow;

}

</style>

<body >

<center>

<h1>Student Information</h1>

```html
<h2>Insert data:-<a href="insert.php">Insert</a><br><br></h2>

<h2>Delete data:-<a href="delete.php">Delete</a><br><br></h2>

<h2>Update data:-<a href="update.php">Update</a><br><br></h2>

<h2>Retrive data:-<a href="retrieve.php">Retrive</a><br><br></h2>

</body>

</html>
```

OUTPUT:

Insert Page:

```html
<html>

<head>

<title>Insert</title>

</head>

<body>

<div>
```

Enter Student data

```
<form method="post">
Name:<input type="text" name="name"/><br><br>
Roll number:<input type="text" name="rno"/><br><br>
Gender:
<input type="radio" name="gender" value="MALE"/>Male
<input type="radio" name="gender" value="FEMALE"/>Female
<br><br>
Branch:
<select name="branch">
<option value="Computer">Computer</option>
<option value="Civil">Civil</option>
<option value="Electrical">Electrical</option>
<option value="Mechanical">Mechanical</option>
</select><br><br>
Semester:<input type="number" name="sem"/><br><br>
Contact number:<input type="number" name="cno"/><br><br>
File Upload:<input type="hidden" name="MAX_FILE_SIZE" value="4194304" />
<input type="file" /><br><br>
<input type="submit" name="OK" /> <a href="home_page.php">Home</a>
</form>
<?php
$con=mysqli_connect("localhost","root","","studentpr7");
if(isset($_POST['OK']))
{
$name =$_POST['name'];
$rno =$_POST['rno'];
$gender=$_POST['gender'];
$branch=$_POST['branch'];
$sem=$_POST['sem'];
```

```
$cno=$_POST['cno'];

$sql=mysqli_query($con,"INSERT INTO pr7student (name,rno,gender,branch,sem,cno)
VALUES ('$name','$rno','$gender','$branch','$sem','$cno')");

}

?>

</div>

</body>

</html>
```

OUTPUT:

Enter data for Student

Name: yashlalmarvadi

Pen No: 190840131033

Gender: ● Male ○ Female

Branch: Computer ⌄

Semester: 6

Contact number: 6352172990 ⬍

Submit | Home

New record created successfully

name	rno	gender	branch	sem	cno
rajesh	2147483647	MALE	Computer	6	2147483647
rajesh	2147483647	MALE	Computer	6	1234567890
rajesh	2147483647	MALE	Computer	6	2147483647
rajesh	2147483647	MALE	Computer	6	2147483647
rajesh	2147483647	MALE	Computer	6	2147483647
yash mevada	2147483647	MALE	Computer	6	2147483647
stud	2147483643	MALE	Computer	5	1234567890
yashmarvadi	2147483647	MALE	Computer	6	2147483647

<u>Delete Page</u>

```
<!DOCTYPE html>
<html>
<head>
<title>Delete_Page</title>
</head>
<h1>Enter the Roll number to delete!!!</h1>
<form method="post">
Roll number:<input type="text" name="rno"/><br><br>
</from>
<input type="submit" name="OK" /> <a href="home_page.php">Home</a>
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "studentpr7";
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error)
{
die("Connection failed: " . $conn->connect_error);
}
if(isset($_POST['OK']))
{
$rno =$_POST['rno'];
$sql = "DELETE FROM pr7student WHERE rno=$rno";
if ($conn->query($sql) === TRUE)
{
echo "Record deleted successfully";
}
else
```
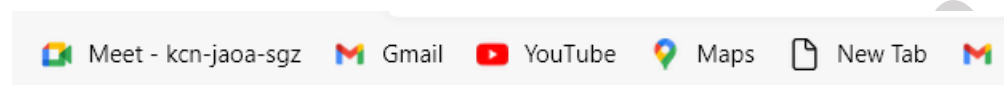
```
{
echo "Error deleting record: " . $conn->error;
}
}
$conn->close();
?>
</body>
</html>
```

OUTPUT:

roll no: 190840131033

Submit Home

---

roll no:

Submit Home
Record deleted successfully

+ Options

name	rno	gender	branch	sem	cno
yashlalmarvadi	2147483647	MALE	Computer	6	2147483647
yashlalmarvadi	2147483647	MALE	Computer	6	1234567890
divyesh	2147483647	MALE	Computer	6	2147483647
raju	2147483647	MALE	Computer	6	2147483647
raju	2147483647	MALE	Computer	6	2147483647

Update Page

```
<!DOCTYPE html>
<html>
<head>
<title>Update_page</title>
</head>
<h1>Enter Values to Update!</h1>
<form method="post">
Name:<input type="text" name="name"/><br><br>
Roll no:<input type="text" name="rno"/><br><br>
</from>
<input type="submit" name="OK" /> <a href="home_page.php">Home</a>
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "studentpr7";
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error)
{
die("Connection failed: " . $conn->connect_error);
}
if(isset($_POST['OK']))
{
$name =$_POST['name'];
$rno =$_POST['rno'];
$sql = "UPDATE pr7student SET name='$name' WHERE rno=$rno";
if ($conn->query($sql) === TRUE)
{
echo "Record updated successfully";
```

```
} else
{
echo "Error update record: " . $conn->error;
}
}
$conn->close();
?>
<body>
</html>
```

OUTPUT:

+ Options

name	rno	gender	branch	sem	cno
yashlalmarvadi	2147483647	MALE	Computer	6	2147483647
yashlalmarvadi	2147483647	MALE	Computer	6	1234567890
divyesh	2147483647	MALE	Computer	6	2147483647
raju	2147483647	MALE	Computer	6	2147483647
raju	2147483647	MALE	Computer	6	2147483647

Enter the values to update:

Name:rajesh

Roll no:2147483647

Submit Home

+ Options

name	rno	gender	branch	sem	cno
rajesh	2147483647	MALE	Computer	6	2147483647

Retrieve Page

```php
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "studentpr7";
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error)
{
die("Connection failed: " . $conn->connect_error);
}
$result = mysqli_query($conn,"SELECT * FROM pr7student");
?>
<html>
<head>
<title> Retrive </title>
</head>
<?php
if (mysqli_num_rows($result) > 0) {
?>
<table>
<tr>
<td>Name</td>
<td>Roll number</td>
<td>Gender</td>
<td>Branch</td>
<td>Semester</td>
<td>Contact</td>
</tr>
```

```php
<?php
$i=0;
while($row = mysqli_fetch_array($result)) {
?>
<tr>
<td> <?php echo $row["name"]; ?> </td>
<td> <?php echo $row["rno"]; ?> </td>
<td> <?php echo $row["gender"]; ?> </td>
<td> <?php echo $row["branch"]; ?> </td>
<td> <?php echo $row["sem"]; ?> </td>
<td> <?php echo $row["cno"]; ?> </td>
</tr>
<?php
$i++;
}
?>
</table>
<?php
}
else
{
echo "No result found";
}
?>
<a href="home_page.php">Home</a>
</body>
</html>
```

OUTPUT:

Name	Roll number	Gender	Branch	Semester	Contact Number
rajesh	2147483647	MALE	Computer	6	2147483647
rajesh	2147483647	MALE	Computer	6	1234567890
rajesh	2147483647	MALE	Computer	6	2147483647
rajesh	2147483647	MALE	Computer	6	2147483647
rajesh	2147483647	MALE	Computer	6	2147483647
yash mevada	2147483647	MALE	Computer	6	2147483647
stud	2147483643	MALE	Computer	5	1234567890

Home