

Lab 5: Perform a CRUD operation having fields first name, last name, gender, class, batch, and roll number.

Source Code

//conn.php

```
<?php

$con = mysqli_connect('localhost','root');

mysqli_select_db($con,'weblab');
?>
```

//insert.php

```
<?php

if(isset($_POST['done'])) {
    $con = mysqli_connect('localhost','root');
    mysqli_select_db($con,'weblab');
    $firstname = $_POST['firstname'];
    $lastname = $_POST['lastname'];
    $roll_no = $_POST['roll_no'];
    $class = $_POST['class'];
    $batch = $_POST['batch'];
    $gender = $_POST['gender'];
    $q = "INSERT INTO users (firstname,lastname,rollno,class,batch,gender) VALUES ('$firstname','$lastname','$roll_no','$class','$batch','$gender')";
    if ($con->query($q) === TRUE) {
        echo "New record created successfully";
        header('location:display.php');
    } else {
        echo "Error: " . $q . "<br>" . $con->error;
    }
}
?>

<!DOCTYPE html>
<html>
<head>
    <title></title>

    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
</head>
```

```

<body>

<div class="col-lg-6 m-auto">

    <form method="post">

        <br><br><div class="card">

            <div class="card-header bg-dark">
                <h1 class="text-white text-center"> Add Students </h1>
            </div><br>

            <label> FirstName: </label>
            <input type="text" name="firstname" class="form-control"> <br>

            <label> LastName: </label>
            <input type="text" name="lastname" class="form-control"> <br>
            <label> Roll Number: </label>
            <input type="number" name="roll_no" class="form-control"> <br>
            <label> Class: </label>
            <select class="form-control" name="class">
                <option selected disabled>Select A Class</option>
                <option value="One">One</option>
                <option value="Two">Two</option>
                <option value="Three">Three</option>
                <option value="Four">Four</option>
                <option value="Five">Five</option>
            </select>

            <label> Batch: </label>
            <select class="form-control" name="batch">
                <option selected disabled>Select A Batch</option>
                <option value="2071">2071</option>
                <option value="2072">2072</option>
                <option value="2073">2073</option>
                <option value="2074">2074</option>
                <option value="2075">2075</option>
                <option value="2076">2076</option>
                <option value="2077">2077</option>
            </select>
            <label> Gender: </label>
            <div class="form-control">
                <input type="radio" name="gender" value="male" checked>Male
                <input type="radio" name="gender" value="female">Female
            </div>

            <br>

            <button class="btn btn-success" type="submit" name="done"> Submit

        </button><br>

    </div>
</form>
</div>
</body>
</html>

```

//display.php

```
<!DOCTYPE html>
<html>
<head>
    <title></title>

    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>

    <link rel="stylesheet" type="text/css"
href="http://ajax.aspnetcdn.com/ajax/jquery.dataTables/1.9.4/css/jquery.dataTables.css">
    <script type="text/javascript" charset="utf8"
src="https://ajax.aspnetcdn.com/ajax/jquery.dataTables/1.9.4/jquery.dataTables.min.js"></
script>

</head>
<body>

    <div class="container">
        <div class="col-lg-12">
            <br><br>
            <h1 class="text-warning text-center" > View All Students </h1>
            <br>

            <button class="btn-success btn"> <a href="insert.php" class="text-white"> Add
Students </a> </button>
            <table id="tabledata" class=" table table-striped table-hover table-
bordered">

                <tr class="bg-dark text-white text-center">

                    <th> Id </th>
                    <th> FirstName </th>
                    <th> LastName </th>
                    <th> Gender </th>
                    <th> Class </th>
                    <th> RollNo </th>
                    <th> Batch </th>
                    <th> Delete </th>
                    <th> Update </th>

                </tr >

                <?php

include 'conn.php';
$q = "select * from users ";

$query = mysqli_query($con,$q);

while($res = mysqli_fetch_array($query)){
?>
                <tr class="text-center">
                    <td> <?php echo $res['id']; ?> </td>
                    <td> <?php echo $res['firstname']; ?> </td>
```

```

        <td> <?php echo $res['lastname']; ?> </td>
        <td> <?php echo $res['gender']; ?> </td>
        <td> <?php echo $res['class']; ?> </td>
        <td> <?php echo $res['rollno']; ?> </td>
        <td> <?php echo $res['batch']; ?> </td>
        <td> <button class="btn-danger btn"> <a href="delete.php?id=<?php
echo $res['id']; ?>" class="text-white"> Delete </a> </button> </td>
        <td> <button class="btn-primary btn"> <a href="update.php?id=<?php
echo $res['id']; ?>" class="text-white"> Update </a> </button> </td>

    </tr>

    <?php
    }
    ?>

</table>

</div>
</div>

<script type="text/javascript">

    $(document).ready(function() {
        $('#tabledata').DataTable();
    })

</script>

</body>
</html>

```

//update.php

```

<?php

include 'conn.php';

if(isset($_POST['done'])) {

    $id = $_GET['id'];
    $firstname = $_POST['firstname'];
    $lastname = $_POST['lastname'];
    $roll_no = $_POST['roll_no'];
    $class = $_POST['class'];
    $batch = $_POST['batch'];
    $gender = $_POST['gender'];
    $q = " update users set id=$id, firstname='$firstname', lastname='$lastname',
rollno='$roll_no', class='$class', batch='$batch', gender='$gender' where id=$id ";

    if ($con->query($q) === TRUE) {
        echo " Record updated successfully";
        header('location:display.php');
    } else {
        echo "Error: " . $q . "<br>" . $con->error;
    }
}

```

```

        header('location:display.php');
    }

?>

<!DOCTYPE html>
<html>
<head>
    <title></title>

    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>
</head>
<body>

    <div class="col-lg-6 m-auto">

        <?php

            include 'conn.php';
            $id = $_GET['id'];
            $q = "select * from users where id=$id ";
            $query = mysqli_query($con,$q);
            while($res = mysqli_fetch_array($query)){

                ?>
                <form method="post">

                    <br><br><div class="card">

                        <div class="card-header bg-dark">
                            <h1 class="text-white text-center"> Update Students </h1>
                        </div><br>

                        <label> FirstName: </label>
                        <input type="text" name="firstname" class="form-control" value="<?php
echo $res['firstname']; ?>"> <br>

                        <label> LastName: </label>
                        <input type="text" name="lastname" class="form-control" value="<?php
echo $res['lastname']; ?>"> <br>
                        <label> Roll Number: </label>
                        <input type="number" name="roll_no" class="form-control" value="<?php
echo $res['rollno']; ?>"> <br>
                        <label> Class: </label>
                        <select class="form-control" name="class">
                            <option value="<?php echo $res['class']; ?>" selected><?php echo
$res['class']; ?></option>
                            <option value="One">One</option>
                            <option value="Two">Two</option>
                            <option value="Three">Three</option>
                            <option value="Four">Four</option>
                            <option value="Five">Five</option>
                        </select>

```

```

        <label> Batch: </label>
        <select class="form-control" name="batch">
            <option value="<?php echo $res['batch']; ?>" selected><?php echo
$res['batch']; ?></option>
            <option value="2071">2071</option>
            <option value="2072">2072</option>
            <option value="2073">2073</option>
            <option value="2074">2074</option>
            <option value="2075">2075</option>
            <option value="2076">2076</option>
            <option value="2077">2077</option>
        </select>
        <label> Gender: </label>
        <div class="form-control">
            <input type="radio" name="gender" value="male" <?php echo
$res['gender'] == 'male'? 'checked':''; ?>>Male
            <input type="radio" name="gender" value="female" <?php echo
$res['gender'] == 'female'? 'checked':''; ?>>Female
        </div>
        <button class="btn btn-success" type="submit" name="done"> Submit
</button><br>

    </div>
</form>
<?php
}
?>
</div>
</body>
</html>

```

//delete.php

```

<?php

include 'conn.php';

$id = $_GET['id'];

$q = " DELETE FROM `users` WHERE id = $id ";

if ($con->query($q) === TRUE) {
    echo "Record Deleted Successfully";
    header('location:display.php');
} else {
    echo "Error: " . $q . "<br>" . $con->error;
}

header('location:display.php');

?>

```

Output

Insert

Add Students

FirstName:

LastName:

Roll Number:

Class:

Select A Class

Batch:

Select A Batch

Gender:

☒Male ☐Female

Submit

Display

View All Students

Add Students								
Id	FirstName	LastName	Gender	Class	RollNo	Batch	Delete	Update
3	11	11	female	Four	111	2077	Delete	Update

Update

Update Students

FirstName:

11

LastName:

11

Roll Number:

111

Class:

Four



Batch:

2077



Gender:

☐ Male ☒ Female

Submit