**PHP “CRUD” Operation**

**Step 1:** Make a “**index.php**” file as follows in any any folder inside xampp\htdocs.

<!DOCTYPE html>

<html>

<head>

<style>

label{display:inline-block;width:100px;margin-bottom:10px;}

</style>

<title>Add Employee</title>

</head>

<body>

<form method="post" action="create.php">

<label>First Name</label>

<input type="text" name="first\_name" />

<br />

<label>Last Name</label>

<input type="text" name="last\_name" />

<br />

<label>Department</label>

<input type="text" name="department" />

<br />

<label>Email</label>

<input type="text" name="email" />

<br />

<input type="submit" value="Create Employee">

</form>

<br/>

<form method="post" action="delete.php">

<input type="submit" value="delete items">

</form>

<br/>

<form method="post" action="read.php">

<input type="submit" value="Read Items">

</form>

<br/>

<form method="post" action="update.php">

<input type="submit" value="Update items">

</form>

</body>

</html>

**Step 2:** Make a “**create.php**” file in the same folder as before to insert data.

<?php

include('database.php');

// create a variable

$first\_name=$\_POST['first\_name'];

$last\_name=$\_POST['last\_name'];

$department=$\_POST['department'];

$email=$\_POST['email'];

echo "Hurrey!!!!";

//Execute the query

mysqli\_query($connect,"INSERT INTO employeee1(first\_name,last\_name,department,email)

VALUES('$first\_name','$last\_name','$department','$email')") or die(mysqli\_error($connect)) ;

//"or die(mysqli\_error($connect))" to check error message and Here, "employees1" is the table to be created in database

?>

**Step 3:** Make a “**database.php**” file in the same folder as before to connect the database.

<?php

$connect=mysqli\_connect('localhost','root','','test3');//here test3 is a database name in the database

echo "database\_connected";

if(mysqli\_connect\_errno($connect))

{

echo 'Failed to connect';

}

?>

**Step 4:** Make a “**read.php**” file in the same folder as before to read data from the database.

<?php

include('database.php');

echo "<br/>";

$sql = "SELECT first\_name, last\_name, department, email FROM employeee1";//employeee1 is a table name from database test3

$result = $connect->query($sql);

if ($result->num\_rows > 0) {

// output data of each row

while($row = $result->fetch\_assoc()) {

echo "<br/><b>First name is :</b>" . $row["first\_name"]. "<b> Last Name is :</b> " . $row["last\_name"]. "<b> Department is :</b>" . $row["department"]. "<b> E-mail id is : </b>". $row["email"]."<br>";

}

} else {

echo "0 results";

}

$connect->close();

?>

**Step 5:** Make a “**update.php**” file in the same folder as before to update the database.

<?php

include('database.php');

$sql = "UPDATE employeee1 SET first\_name='Shyam' WHERE department= 'BBA'"; //BBA is a data in data base for column department and here shyam will replace the previous data from database whose department is BBA

if (mysqli\_query($connect, $sql)) {

echo "Record Updated successfully";

} else {

echo "Error Updating record: " . mysqli\_error($connect);

}

mysqli\_close($connect);

?>

**Step 6:** Make a “**delete.php**” file in the same folder as before to delete items from the database.

<?php

include('database.php');

$sql = "DELETE FROM employeee1 WHERE department='BBA'"; //BBA is a data in data base for column department

if (mysqli\_query($connect, $sql)) {

echo "Record deleted successfully";

} else {

echo "Error deleting record: " . mysqli\_error($connect);

}

mysqli\_close($connect);

?>

**Step 7** Now run index.php as <http://localhost/addemp/index.php>