**dao.php**

<?php

class DAO

{

 private static $con;

 public function \_\_construct($hostname, $username, $pass, $db)

{

 try

 {

 self::$con = new PDO("mysql:host=$hostname; dbname=$db", $username, $pass);

 }

 catch (Exception $e)

 {

 echo 'Error Message';

 }

 try

 {

 $x= self:: $con;

 }

 catch (Exception $e)

 {

 echo 'Error Message';

 }

}

public function insert($stu\_info, $data\_array)

{

 try

 {

 foreach($data\_array as $key=> $value)

 {

 $querykey[] = $key;

 $queryvalue[] = $value;

 }

 $in = self :: $con -> exec ("INSERT INTO $stu\_info VALUES ('{$queryvalue[0]}', '{$queryvalue[1]}', '{$queryvalue[2]}', '{$queryvalue[3]}')");

 $in -> execute('$queryvalue');

 print 'Hello';

 }

 catch(Exception $e)

 {

 echo 'Error Message';

 }

}

public function fetch ($stu\_info, $where\_array)

{

 foreach($where\_array as $roll=> $value)

 {

 $queryvalue[] = $value;

 $querykey[] = $roll;

 }

 $data = self :: $con -> query("SELECT \* FROM $stu\_info WHERE $querykey[0] = '$queryvalue[0]' order by $querykey[0] $sort\_order");

 foreach ($data as $row)

{

 print $row['id']. '&nbsp;&nbsp;&nbsp;' . '<br/>';

 print $row['name']. '&nbsp;&nbsp;&nbsp;' . '<br/>';

 print $row['roll']. '&nbsp;&nbsp;&nbsp;' . '<br/>';

 print $row['date\_birth']. '&nbsp;&nbsp;&nbsp;' . '<br/>';

}

}

public function delete ($stu\_info, $where\_array)

{

 foreach($where\_array as $roll=> $value)

 {

 $queryvalue[] = $value;

 $querykey[] = $roll;

 }

 $data = self :: $con -> query("DELETE FROM $stu\_info WHERE $querykey[0] = '$queryvalue[0]' order by $querykey[0]");

 print 'Deleted';

}

public function update ($stu\_info, $where\_array)

{

 foreach($where\_array as $roll=> $value)

 {

 $queryvalue[] = $value;

 $querykey[] = $roll;

 }

 $in = self :: $con -> exec("UPDATE $stu\_info SET ('$queryvalue[0]' = 'id', '$queryvalue[1]' = 'name', '$queryvalue[2]' = 'roll', '$queryvalue[3]' = 'date\_birth')");

 print 'Updated';

 foreach ($data as $row)

{

 print $row['id']. '&nbsp;&nbsp;&nbsp;' . '<br/>';

 print $row['name']. '&nbsp;&nbsp;&nbsp;' . '<br/>';

 print $row['roll']. '&nbsp;&nbsp;&nbsp;' . '<br/>';

 print $row['date\_birth']. '&nbsp;&nbsp;&nbsp;' . '<br/>';

}

}

}

?>

**Test.php**

<?php

require\_once('dao.php');

{

$dao = new DAO ("localhost", "test", "test", "crud2");

if (isset($\_POST["s1"]))

{

$dao -> insert ("stu\_info", array("id" => NULL, "name" => "Joe", "roll" => "890", "date\_birth" => "12-02-1997"));

}

if (isset($\_POST["s2"]))

{

$dao -> fetch ("stu\_info", array("roll" => "890"), "ASC");

}

if (isset($\_POST["s3"]))

{

$dao -> fetch ("stu\_info", array("date\_birth" => "12-02-1997"));

}

}

?>

<html>

<head>

<title> Test Form </title>

</head>

<body>

<form name="form1" method="post" >

<input type="submit" value="clickToInsert" name="s1" id="s1" /><br/>

<input type="submit" value="clickToFetch" name="s2" id="s2" /><br/>

<input type="submit" value="clickToDelete" name="s3" id="s3" /><br/>

<input type="submit" value="clickToUpdate" name="s4" id="s4" />

</form>

</body>

</html>