**Connect Database**

<html>

   <head>

      <title>Connecting MySQL Server</title>

   </head>

   <body>

      <?php

         $dbhost = 'localhost';

         $dbuser = 'root';

         $dbpass = '';

         $mysqli = new mysqli($dbhost, $dbuser, $dbpass);

         if($mysqli->connect\_errno ) {

            printf("Connect failed: %s<br />", $mysqli->connect\_error);

            exit();

         }

         printf('Connected successfully.<br />');

         $mysqli->close();

      ?>

   </body>

</html>

**Create Database**

<html>

   <head><title>Creating MySQL Database</title></head>

   <body>

      <?php

         $dbhost = 'localhost';

         $dbuser = 'root';

         $dbpass = '';

         $mysqli = new mysqli($dbhost, $dbuser, $dbpass);

         if($mysqli->connect\_errno ) {

            printf("Connect failed: %s<br />", $mysqli->connect\_error);

            exit();

         }

         printf('Connected successfully.<br />');

         if ($mysqli->query("CREATE DATABASE MCA\_C")) {

            printf("Database Students created successfully.<br />");

         }

         if ($mysqli->errno) {

            printf("Could not create database: %s<br />", $mysqli->error);

         }

         $mysqli->close();

      ?>

   </body>

</html>

**CREATE TABLE**

<html>

   <head>

      <title>Creating MySQL Table</title>

   </head>

   <body>

      <?php

         $dbhost = 'localhost';

         $dbuser = 'root';

         $dbpass ='';

         $dbname = 'MCA\_C';

         $mysqli = new mysqli($dbhost, $dbuser, $dbpass, $dbname);

         if($mysqli->connect\_errno ) {

            printf("Connect failed: %s<br />", $mysqli->connect\_error);

            exit();

         }

         printf('Connected successfully.<br />');

         $sql = "CREATE TABLE tutorials\_tbl( ".

            "subject\_id INT NOT NULL AUTO\_INCREMENT, ".

            "subject\_title VARCHAR(100) NOT NULL, ".

            "subject\_author VARCHAR(40) NOT NULL, ".

            "submission\_date DATE, ".

            "PRIMARY KEY ( subject\_id )); ";

         if ($mysqli->query($sql)) {

            printf("Table MCA created successfully.<br />");

         }

         if ($mysqli->errno) {

            printf("Could not create table: %s<br />", $mysqli->error);

         }

         $mysqli->close();

      ?>

   </body>

</html>

**INSERT DATA**

<html>

   <head>

      <title>Add New Record in MySQL Database</title>

   </head>

   <body>

      <?php

         if(isset($\_POST['add'])) {

            $dbhost = 'localhost';

            $dbuser = 'root';

            $dbpass = '';

            $conn = mysqli\_connect($dbhost, $dbuser, $dbpass);

            if(! $conn ) {

               die('Could not connect: ' . mysqli\_error($conn));

            }

            //if(! get\_magic\_quotes\_gpc() ) {

            //   $subject\_title = addslashes ($\_POST['subject\_title']);

            //   $subject\_author = addslashes ($\_POST['subject\_author']);

            //} else {

               $subject\_title = $\_POST['subject\_title'];

               $subject\_author = $\_POST['subject\_author'];

           // }

            $submission\_date = $\_POST['submission\_date'];

            $sql = "INSERT INTO tutorials\_tbl ".

               "(subject\_title,subject\_author, submission\_date) "."VALUES ".

               "('$subject\_title','$subject\_author','$submission\_date')";

            mysqli\_select\_db( $conn, 'MCA\_C' );

            $retval = mysqli\_query( $conn, $sql );

            if(! $retval ) {

               die('Could not enter data: ' . mysqli\_error($conn));

            }

            echo "Entered data successfully\n";

            mysqli\_close($conn);

         } else {

      ?>

      <form method = "post" action = "<?php $\_PHP\_SELF ?>">

         <table width = "600" border = "0" cellspacing = "1" cellpadding = "2">

            <tr>

               <td width = "250">subject Title</td>

               <td><input name = "subject\_title" type = "text" id = "subject\_title"></td>

            </tr>

            <tr>

               <td width = "250">subject Author</td>

               <td><input name = "subject\_author" type = "text" id = "subject\_author"></td>

            </tr>

            <tr>

               <td width = "250">Submission Date [   yyyy-mm-dd ]</td>

               <td><input name = "submission\_date" type = "text" id = "submission\_date"></td>

            </tr>

            <tr>

               <td width = "250"> </td>

               <td></td>

            </tr>

            <tr>

               <td width = "250"> </td>

               <td><input name = "add" type = "submit" id = "add"  value = "Add Tutorial"></td>

            </tr>

         </table>

      </form>

   <?php

      }

   ?>

   </body>

</html>

**Display Record**

<?php

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "MCA\_C";

// Create connection

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

// Check connection

if ($conn->connect\_error) {

  die("Connection failed: " . $conn->connect\_error);

}

$sql = "SELECT subject\_id, subject\_title, subject\_author, submission\_date FROM tutorials\_tbl";

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

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

  // output data of each row

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

    echo "id: " . $row["subject\_id"]. " - Title: " . $row["subject\_title"]. " " ."Author: ". $row["subject\_author"]. "-Date-" . $row["submission\_date"]. "<br>";

  }

} else {

  echo "0 results";

}

$conn->close();

?>

**Update Record**

<html>

   <head>

      <title>Updating MySQL Table</title>

   </head>

   <body>

      <?php

         $dbhost = 'localhost';

         $dbuser = 'root';

         $dbpass = '';

         $dbname = 'MCA\_C';

         $mysqli = new mysqli($dbhost, $dbuser, $dbpass, $dbname);

         if($mysqli->connect\_errno ) {

            printf("Connect failed: %s<br />", $mysqli->connect\_error);

            exit();

         }

         printf('Connected successfully.<br />');

         if ($mysqli->query('UPDATE tutorials\_tbl set subject\_title = "Pratim" where subject\_id = 2')) {

            printf("Table tutorials\_tbl updated successfully.<br />");

         }

         if ($mysqli->query('UPDATE tutorials\_tbl set subject\_author = "Bca" where subject\_id = 2')) {

            printf("Table tutorials\_tbl updated successfully.<br />");

         }

         if ($mysqli->query('UPDATE tutorials\_tbl set submission\_date = "2024-04-08" where subject\_id = 1')) {

            printf("Table tutorials\_tbl updated successfully.<br />");

         }

         if ($mysqli->errno) {

            printf("Could not update table: %s<br />", $mysqli->error);

         }

         $sql = "SELECT subject\_id, subject\_title, subject\_author, submission\_date FROM tutorials\_tbl";

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

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

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

               printf("Id: %s, Title: %s, Author: %s, Date: %d <br />",

                  $row["subject\_id"],

                  $row["subject\_title"],

                  $row["subject\_author"],

                  $row["submission\_date"]);

            }

         } else {

            printf('No record found.<br />');

         }

         mysqli\_free\_result($result);

         $mysqli->close();

      ?>

   </body>

</html>