

```
1 <html>
2 <head>
3   <title>Basic PHP Proj</title>
4 </head>
5 <body>
6   <h1>Search field(s)</h1>
7   <FORM NAME = "form1" METHOD = "POST" ACTION = "process.php">
8     First name: <INPUT TYPE = 'TEXT' Name = 'ufNameEntry' value="" maxlength="25">
9     <br>
10    <br>
11    Last name: <INPUT TYPE = 'TEXT' Name = 'ulNameEntry' value="" maxlength="25">
12    <INPUT TYPE = "Submit" Name = "Submit1" VALUE = "Login">
13  </FORM>
14 </body>
15 </html>
```

Browser:

## Search field(s)

First name:

Last name:

([http://localhost/test\\_app/index.php](http://localhost/test_app/index.php))

```
1 <?PHP
2
3 $errorMessage = "";
4 //=====
5 // Logging function to file log.txt
6 //=====
7 function logThis($msg) {
8     $myLog = fopen("log.txt", "a");
9     fwrite($myLog, date("h:i:sa") . " " . $msg . "\r\n");
10    fclose($myLog);
11 }
12
13 if ($_SERVER['REQUEST_METHOD'] == 'POST'){
14     logThis("Post acquired");
15     $ufName = $_POST['ufNameEntry'];
16     $ulName = $_POST['ulNameEntry'];
17
18     logThis("Input is: " . $ufName);
19
20     //All entries in db are in lowercase
21     $ufName = strtolower($ufName);
22     $ulName = strtolower($ulName);
23
24     //=====
25     // Connect to local db
26     //=====
27     $user_name = "root";
28     $password = "";
29     $database = "test_db";
30     $server = "127.0.0.1";
31
32     $link = mysqli_connect($server, $user_name, $password, $database);
33     //successful link
34     if ($link) {
35         logThis("Link with db established");
36
37         $SQL = "SELECT * FROM emp WHERE f_name = '$ufName' OR l_name = '$ulName'";
38         $SQL2 = "SELECT * FROM emp";
39
40         $result = mysqli_query($link, $SQL);
41         $result2 = mysqli_query($link, $SQL2);
```

```

39     $result = mysqli_query($link, $SQL);
40     logThis("Query run");
41     //successful query
42     if ($result){
43         $num_rows = mysqli_num_rows($result);
44         if ($num_rows > 0){
45             logThis("Rows fetched from query = " . $num_rows);
46             echo "Rows returned:" . "<BR>";
47
48             while ($row = mysqli_fetch_assoc($result)) {
49                 print $row['f_name'] . " " . $row['l_name'] . "'s id is: " . $row['id'] . "<br>";
50             }
51         }
52     }
53     else{
54         echo "No results" . "<br>";
55         logThis("Rows fetched from query = 0");
56     }
57 }
58 else{
59     echo "Problem with query/results" . "<br>";
60     logThis("Problem with query/results");
61     // echo $result;
62 }
63 mysqli_close($link);
64 }
65
66 else {
67     $errorMessage = "Error logging on";
68 }
69 logThis("-----DONE-----");
70 }
71
72 ?>
73
74 <html>
75     <head>
76         <title>Processing page</title>
77     </head>
78     <body>
79         <FORM NAME = "form1" METHOD = "POST" ACTION = "index.php">
80             <INPUT TYPE = "Submit" Name = "Submit1" VALUE = "Goback">
81         </FORM>
82     </body>
83 </html>

```

## Search field(s)

First name:

Last name:



Rows returned:  
oscar chavarria's id is: 100  
oscar cantu's id is: 101