

# ASSIGNMENT

Java & PHP Lab

February 11, 2021

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PHP Student Form



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# Contents

<b>PHP Insert, Search and Display Form</b> . . . . .	<b>1</b>
Source Code . . . . .	1
Output . . . . .	6

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## PHP Insert, Search and Display Form

Create a php form to register details of students, display all values and search for any student by any of their attributes.

The tables attributes should be as follows:

Field	Data Type
Roll Number	int
Name	varchar
Age	int
Score	int

### Source Code

```
<?php
$servername='localhost:3307';
$username='root';
$password='';
$dbname='mydb';
$con=mysqli_connect($servername, $username, $password, $dbname);
if(!$con)
{
    echo "server not connected";
}
if(!mysqli_select_db($con, $dbname))
{
    echo "database not connected";
}

function insertrec()
{
    global $con;
    $roll= $_POST['rollno'];
    $name= $_POST['name'];
    $age= $_POST['age'];
    $score= $_POST['score'];
    $query = "insert into student(rollno, name, age, score) values ($roll, '$name', $age, $score)";
    if(mysqli_query($con, $query))
    {
        echo "Data Inserted!";
    }
}

function display()
{
    global $con;
```

```
$result = mysqli_query($con, "SELECT * FROM student");
echo "
<table>
    <thead>
        <th>Roll Number</th>
        <th>Name</th>
        <th>Age</th>
        <th>Score</th>
    </thead>
    <tbody>";
while($row = mysqli_fetch_assoc($result))
{
    echo "<tr>";
    echo "<td>" . $row['rollno'] . "</td> <td>" . $row['name'] . "</td> <td>" . $row['age'] . "</td> <td>" . $row['score'] . "</td> </tr>";
}
echo "
</tbody>
</table>";
}

function search()
{
    global $con;

    $op = $_POST['field'];
    $v1 = $_POST['val'];
    if($op == 'name')
    {
        $result = mysqli_query($con, "SELECT * FROM student where name='$v1'");
    }
    if($op == 'rollno')
    {
        $result = mysqli_query($con, "SELECT * FROM student where rollno=$v1");
    }
    if($op == 'age')
    {
        $result = mysqli_query($con, "SELECT * FROM student where age=$v1");
    }
    if($op == 'score')
    {
        $result = mysqli_query($con, "SELECT * FROM student where score=$v1");
    }
    echo "
<table>
    <thead>
        <th>Roll Number</th>
        <th>Name</th>
        <th>Age</th>
        <th>Score</th>
    </thead>
    <tbody>";
    while($row = mysqli_fetch_assoc($result))
    {
        echo "<tr>";
        echo "<td>" . $row['rollno'] . "</td> <td>" . $row['name'] . "</td> <td>" . $row['age'] . "</td> <td>" . $row['score'] . "</td> </tr>";
    }
    echo "</tbody>
</table>";
}
```

```
<tbody>";
while($row = mysqli_fetch_assoc($result))
{
    echo "<tr>";
    echo "<td>" . $row['rollno'] . "</td> <td>" . $row['name'] . "</td> <td>" . $row['age'] . "</td> <td>";
    echo "</tr>";

}
echo "
</tbody>
</table>";

}

?>

<html>
<head>
<title>MY page</title>
<style>
@import url(https://fonts.googleapis.com/css?family=Open+Sans:400,600);
*, *:before, *:after {
margin: 0;
padding: 0;
box-sizing: border-box;
}
body {
background: #dfdfff;
font-family: 'Open Sans', sans-serif;
}
.container {
width: 100%;
height: 100%;
padding: 0 16px;
display: flex;
flex-flow: row nowrap;
align-items: center;
justify-content: center;
}
h2 {
border-bottom: 1px solid #364043;
color: #E2B842;
/* font-size: 1.2em; */
font-weight: 600;
padding: 0.5em 1em;
text-align: left;
}
table {
background: #012B39;
border-radius: 0.25em;
border-collapse: collapse;
margin: 1em;
}
th {
border-bottom: 1px solid #364043;
color: #E2B842;
font-size: 1.2em;
```

```
font-weight: 600;
padding: 0.5em 1em;
text-align: left;
}
td {
color: #fff;
font-weight: 400;
padding: 0.65em 1em;
}
.disabled td {
color: #4F5F64;
}
tbody tr {
transition: background 0.25s ease;
}
tbody tr:hover {
background: #014055;
}
form {
display: flex;
flex-flow: column wrap;
align-items: center;
justify-content: center;
}
form div, form label, form input, form textarea, form select {
width: 100%;
}
.field:nth-of-type(2) {
margin: 16px 0;
}
label, input, textarea {
padding: 8px;
}
label, [placeholder] {
color: #555;
}
label i {
margin: 0 10px 0 0;
}

input, textarea {
background: rgba(255, 255, 255, 0.5);
border: none;
border-radius: 4px;
box-shadow: 0 8px 6px -6px #555;
}

textarea {
resize: none;
}
textarea::-webkit-scrollbar {
width: 0;
}
button {
background: #2f4ad0;
margin: 16px 0 50px 0;
```

```

padding: 8px 16px;
color: #fff;
border: none;
border-radius: 4px;
cursor: pointer;
box-shadow: 0 8px 6px -6px #555;
}

</style>
</head>
<body>
<div class="container">
  <div class="container">
    <form method="post">
      Name <input type="text" name="name" placeholder="Name..." /><br />
      Roll No <input type="number" name="rollno" placeholder="Roll Number..." /><br />
      Age <input type="number" name="age" placeholder="Age..." /><br />
      Score <input type="number" name="score" placeholder="Score..." /><br />
      <?php
      if(isset($_POST['Register'])) {
        insertrec();
      }
      ?>
      <button type="submit" name=Register>Register</button>
      <button type="submit" name=Display>Display</button>
      Search
      <select id="field" name="field">
        <option value="name">Name</option>
        <option value="rollno">Roll No</option>
        <option value="age">Age</option>
        <option value="score">Score</option>
      </select>
      <input type="text" name="val" placeholder="Value to search..." /><br />
      <button type="submit" name=search>Search</button>
    </form>
  </div>
  <div class="container">
    <?php
    if(isset($_POST['Display'])) {
      display();
    }
    if(isset($_POST['search'])) {
      search();
    }
    ?>
  </div>
</div>
</body>
</html>

```

## Output

MY page

localhost/02-11-2021/sql.php

Name  
Name...

Roll No  
Roll Number...

Age  
Age...

Score  
Score...

Data Inserted!

Register

Display

Search  
Name  
Value to search...

Search

Figure 1: Register Student

MY page

localhost/02-11-2021/sql.php

Name  
Name...

Roll No  
Roll Number...

Age  
Age...

Score  
Score...

Register

Display

Search  
Name  
Value to search...

Search

Roll Number	Name	Age	Score
12	Manas	15	122
32	dsf	23	324
34	Arnav Dixit	18	778
776	ADDF	65	657
776	ADDF	65	657
776	ADDF	65	657
333	kkkkk	33	345
333	kkkkk	33	345
333	kkkkk	33	345
191112034	Arnav Dixit	45	1234
234	arnavdixit127	234	1234
345	deathmatch.wad	234	23456
11112	Pigeon	34	3233
191112345	Utsavv	23	4567
191114567	Manas Tiwari	22	556
191116781	Tribhuan	23	440

Figure 2: Display All Students

The screenshot shows a web browser window with a tab titled 'MY page'. The address bar shows 'localhost/02-11-2021/sql.php'. The page contains a form with the following fields and buttons:

- Name:** Text input field with placeholder 'Name...'.
- Roll No:** Text input field with placeholder 'Roll Number...'.
- Age:** Text input field with placeholder 'Age...'.
- Score:** Text input field with placeholder 'Score...'.
- Register:** Blue button.
- Display:** Blue button.
- Search:** A dropdown menu with 'Age' selected, and a text input field with '23' entered.
- Search:** Blue button.

To the right of the form, there is a table displaying the results of the search:

Roll Number	Name	Age	Score
32	dsf	23	324
191112345	Utsavv	23	4567
1911116781	Tribhuwan	23	440

Figure 3: Search by age

The screenshot shows the same web browser window as Figure 3, but with the search criteria changed. The form fields and buttons are the same, but the search dropdown now has 'Name' selected, and the text input field contains 'Arnav Dixit'.

The table on the right displays the results of the search by name:

Roll Number	Name	Age	Score
34	Arnav Dixit	18	778
191112034	Arnav Dixit	45	1234

Figure 4: Search by Name