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**PROBLEM STATEMENT:** Write a PHP program to connect to MySQL Database to perform operations such as insert, delete and search.

**OBJECTIVES:**

- To understand MySQL database Connectivity
- Use Front End tool like PHP,HTML to do MySQL database Connectivity

**OUTCOMES:**

- Students will apply the front end Tool like PHP,HTML
- Students will be able to write program for given requirements using MySQL,PHP and HTML.

**ASSIGNMENT NO.13**

**SOFTWARE & HARDWARE REQUIREMENTS:**

1. 64-bit Open source Linux or its derivative
2. MySQL Server

**TITLE: Write a program to implement MySQL database connectivity using any front end**

**IMPLEMENTATION:**

HTML:

```
<html>
  <head>
    <centre>
      <h1>Students Database site</h1>
    </centre>
  </head>
  <body bgcolor="cyan">
    <h2 align="center">You can submit your data here</h2>
    <form align="center" name="form1" action="insert.php" method="POST">
      Name:<input type="text" name="name"><br><br>
      Class:<input type="text" name="class"><br><br>
      roll_no:<input type="int" name="roll_no"><br><br>
      DOB:<input type="date" name="DOB"><br><br>
      <input type="submit" name="submit">
    </form>
    <br>
    <br>
    <h2 align="center">You can search your data here</h2>
    <form align="center" name="form2" action="search.php" method="POST">
      To Search by Name:<input type="text" name="name">
```

```

        <input type="submit" name="search" value="search">
    </form>
    <form align="center" name="form3" action="delete.php" method="POST">
        To Delete by Name:<input type="text" name="name">
        <input type="submit" name="delete" value="delete">
    </form>
</body>
</html>

```

Insert:

```

<?php
//retrieving form value using form variable
$name=$_POST['name'];
$class=$_POST['class'];
$roll_no=$_POST['roll_no'];
$DOB=$_POST['DOB'];

$servername="localhost";
$username="root";
$password="";
$dbname="phpmysql";
//create connection
$conn=mysqli_connect($servername,$username,$password,$dbname);
//check connection
if(!$conn){
    die("connection failed: ".mysqli_connect_error());
}
//create sql insert query to insert form values into database
$sql="INSERT INTO details(name,class,roll_no,DOB)
VALUES('$name','$class','$roll_no','$DOB')";
//run insert query
if(mysqli_query($conn,$sql)){
    echo"New data inserted successfully.";
}
else{
    echo"Unsuccessful operation,sorry!";
}
mysqli_close($conn);
?>

```

Delete:

```

<?php
//retrieving form value using form variable
$name=$_POST['name'];

$servername="localhost";
$username="root";

```

```

$password="";
$dbname="phpmysql";
//create connection
$conn=mysqli_connect($servername,$username,$password,$dbname);
//check connection
if(!$conn){
    die("connection failed: ".mysqli_connect_error());
}
// create query to delete form values into database
$sql="DELETE FROM details WHERE name='$name'";
//run select query
$result=mysqli_query($conn,$sql);
if(!$result){
    echo"Sorry no data found.";
}
else
{
    echo "Record deleted successfully!!";
}

mysqli_close($conn);
?>

```

Search:

```

<?php
//retrieving form value using form variable
$name=$_POST['name'];

$servername="localhost";
$username="root";
$password="";
$dbname="phpmysql";
//create connection
$conn=mysqli_connect($servername,$username,$password,$dbname);
//check connection
if(!$conn){
    die("connection failed: ".mysqli_connect_error());
}
// create query to search form values into database
$sql="SELECT * FROM details WHERE name='$name'";
//run select query
$result=mysqli_query($conn,$sql);
if(!$result){
    echo"Sorry no data found.";
}
else
$num_row=mysqli_num_rows($result);
echo $num_row;
echo " records found in the Database<br>";

```

```
for($i=0;$i<$num_row;$i++){  
    $rname=mysqli_fetch_row($result);  
    echo "<h1>";  
    echo "Name is ".$rname[0];  
    echo "<br>";  
    echo "Class is ".$rname[1];  
    echo "<br>";  
    echo "Roll no. is ".$rname[2];  
    echo "<br>";  
    echo "DOB is ".$rname[3];  
    echo "<br>";  
    echo "</h1>";  
}  
  
mysqli_close($conn);  
?>
```

### **CONCLUSION:**

