



# SUJAL Kulshrestha

Section :- P (P2) Roll No :- 47

## POINTS CLEARED

- ✓ Develop an application in PHP that registers the user through a registration form storing the details in the database.

## MODULE LEARNED

- DBMS (MySQL)
- Importing MySQL DBMS to PHP.
- Usage of `mysqli_connect()` and `mysqli_query()` to run the MySQL Command from the PHP Escaping tag itself.

## EXPLANATION

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Here I used, MySQL to create a database named as "GLA" and then I created a table named a "Students".

Later on, I created a php form for registering new Students in the Database by inserting the Student Data into the Students table in GLA Database.

I asked for several inputs like Name, Mobile, Email and Password and by the use of `mysqli_query()`, I ran the query for inserting new candidates.

I also used JavaScript for applying validations to the Form, like Password and Confirm Password should match, Email should have proper format and Mobile No. should be of proper format also.

Use a little bit of CSS for presentation purpose !!

# HTML INPUT CODE

```
<html>
  <head>
    <title>
      GLA Portal
    </title>
    <script type="text/javascript">
      function ConPass(){
        var P = document.getElementById('Pass').value;
        var CP = document.getElementById('CPass').value;
        if (P == CP){
          return true;
        }
        else {
          alert("Password and Confirm Password are not same !!");
          return false;
        }
      }
    </script>
    <style type='text/css'>
      h1{
        background-color:white;
      }
      body{
        background-color:lightsteelblue;
      }
      caption{
        background-color:white;
        border-radius: 20px;
        border: 2px solid black;
        box-shadow: 2px 2px 2px black;
      }
      table{
        border: 2px solid black;
        border-radius: 20px;
        padding:20px;
        border-spacing: 0px;
        background-color: lightblue;
        box-shadow: 2px 2px 2px black;
      }
      td{
        font-weight: bold;
        padding: 5px;
        font-size: 30px;
      }
      input{
        font-size: 25px;
```

```

    }
    input[type=submit]{
        padding: 10px;
        background-color: blue;
        border: 2px solid transparent;
        color: white;
        font-size: 20px;
        box-shadow: 2px 2px 2px black;
        transition-duration: 0.5s;
        border-radius: 10px;
        font-family:'Trebuchet MS', 'Lucida Sans Unicode', 'Lucida
Grande', 'Lucida Sans', Arial, sans-serif;
    }
    input[type=submit]:hover{
        background-color: white;
        transition-duration: 0.5s;
        color:blue;
        border: 2px solid blue;
    }
</style>
<?php
    try {
        $conn =
mysqli_connect("localhost","root","Kinshu@1310","GLA","3307");
        if (isset($_POST['Name'])){
            session_start();
            $_SESSION['Email'] = $_POST['Email'];
            mysqli_query($conn,"INSERT INTO
`Students`(`Name`,`Mobile`,`Email`,`Password`)
VALUES('".$_POST['Name']."','".$_POST['Mob']."'','".$_POST['Email']."'','".$_POST['Pass']."'
');"");
        }
    }
    catch(Exception $e){
        echo "Error Occured : $e";
    }
?>
</head>
<body>
    <center>
        <h1>!! Welcome to GLA Portal !!</h1>
        <form name="F1" action="#" onsubmit="return ConPass()" method="POST">
            <table>
                <caption style="font-size:25px"><b>Registration
Form</b></caption>
                <tr>
                    <td align="right">Name :</td>
                    <td><input type="text" placeholder="Your Name"
name="Name" required></td>
                </tr>
            </table>
        </form>
    </center>

```

```
        <tr>
            <td align="right">Mobile :</td>
            <td><input type="text" pattern="[0-9]{10}"
placeholder="Your Mobile No." name="Mob" required></td>
        </tr>
        <tr>
            <td align="right">Email :</td>
            <td><input type="email" placeholder="Your Email"
name="Email" required></td>
        </tr>
        <tr>
            <td align="right">Password :</td>
            <td><input type="password" placeholder="Set Password"
id="Pass" name="Pass" required></td>
        </tr>
        <tr>
            <td align="right">Confirm Password :</td>
            <td><input type="password" placeholder="Set Password"
id="CPass" name="CPass" required></td>
        </tr>
        <tr><td><br/></td></tr>
        <tr>
            <td colspan="2" align="center"><input type="submit"
value="Register"></td>
        </tr>
    </table>
</form>
</center>
</body>
</html>
```

# OUTPUT

The screenshot shows a web browser window with the title "GLA Portal". The address bar shows "localhost/PHP/GLA\_Student/". The page has a light blue background and a white header with the text "!! Welcome to GLA Portal !!". In the center, there is a "Registration Form" box with a light blue background and a black border. The form contains the following fields:

- Name :
- Mobile :
- Email :
- Password :
- Confirm Password :

Below the fields is a blue button labeled "Register".

```
MySQL 8.0 Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 113
Server version: 8.0.27 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use GLA;
Database changed
mysql> select * from Students;
Empty set (0.01 sec)

mysql> select * from Students;
+-----+-----+-----+-----+-----+
| Roll_No | Name           | Mobile   | Email                                     | Password |
+-----+-----+-----+-----+-----+
| 1       | Sujal Kulshrestha | 8445433348 | kulshrestha.sujal13@gmail.com | 123      |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```