

ASSIGNMENT

Web programming

Submitted to,

Shelly shiju George

Submitted by,

Harithakrishnan

1st year MCA A

Rollno:40

Q1.Develop a PHP program to connect to a database and retrieve data from a table and show the details in a neat format.

```
<html>

<body>

<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "year";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

$sql = "SELECT * FROM `names`";

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

if ($result->num_rows > 0) {
    echo "<table border='1'>
```

```
<tr>
<th>Id</th>
<th>Name</th>
<th>Conatct</th>
</tr>";

while($row = mysqli_fetch_array($result))
{
echo "<tr>";
echo "<td>" . $row['id'] . "</td>";
echo "<td>" . $row['name'] . "</td>";
echo "<td>" . $row['contact'] . "</td>";
echo "</tr>";
}
echo "</table>";
}
?>

</body>
</html>
```

Q2.Outline a registration form using PHP and do necessary validations

```
<html>

<head>
    <title>Indian Cricket</title>

</head>
<body>
```

```
<div id="page-wrap">
    <h1>Indian cricket</h1>

    <form action="printname.php" method="post">
        <input type="text" name="pname1" id="pname1" placeholder="Enter name of a player"
        /><br>
        <input type="text" name="pname2" id="pname2" placeholder="Enter name of a player"
        /><br>
        <input type="text" name="pname3" id="pname3" placeholder="Enter name of a player"
        /><br>
        <input type="text" name="pname4" id="pname4" placeholder="Enter name of a player"
        /><br>
        <input type="text" name="pname5" id="pname5" placeholder="Enter name of a player"
        /><br>
        <input type="submit" name="submit" value="Submit">
    </form>
</div>
</body>
</html>
```

Validations

```
<html>
<body>
<form action="signup.php" method="POST">
    Username: <input type="text" name="username" /><br />
    Email: <input type="text" name="email" /><br />
    Password: <input type="text" name="password" /><br />
    Confirm password: <input type="text" name="password_confirm" /><br />
    <input type="submit" value="Register" />
</form>
```

```
</body>
```

```
</html>
```

```
<?php
```

```
$data = $_POST;
```

```
if (empty($data['username']) ||
```

```
    empty($data['password']) ||
```

```
    empty($data['email']) ||
```

```
    empty($data['password_confirm'])) {
```

```
    die('Please fill all required fields!');
```

```
}
```

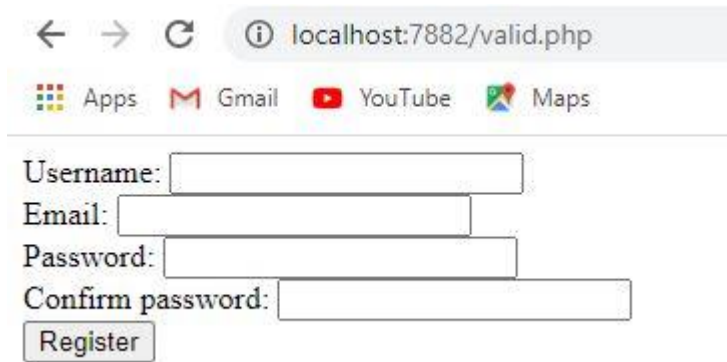
```
if ($data['password'] !== $data['password_confirm']) {
```

```
    die('Password and Confirm password should match!');
```

```
}
```

```
?>
```

output



← → ↻ ⓘ localhost:7882/valid.php

Apps Gmail YouTube Maps

Username:

Email:

Password:

Confirm password:

Q3.Compose Electricity bill from user input based on a given tariff using PHP

```
<html>
<head>
    <title>- Calculate Electricity Bill</title>
</head>

<?php
$result_str = $result = "";

if (isset($_POST['unit-submit'])) {

    $units = $_POST['units'];
    if (!empty($units)) {
        $result = calculate_bill($units);
        $result_str = 'Total amount of ' . $units . ' - ' . $result;
    }
}

/**
 * To calculate electricity bill as per unit cost
 */
function calculate_bill($units) {
```

```
$unit_cost_first = 3.50;
$unit_cost_second = 4.00;
$unit_cost_third = 5.20;
$unit_cost_fourth = 6.50;

if($units <= 50) {
    $bill = $units * $unit_cost_first;
}
else if($units > 50 && $units <= 100) {
    $temp = 50 * $unit_cost_first;
    $remaining_units = $units - 50;
    $bill = $temp + ($remaining_units * $unit_cost_second);
}
else if($units > 100 && $units <= 200) {
    $temp = (50 * 3.5) + (100 * $unit_cost_second);
    $remaining_units = $units - 150;
    $bill = $temp + ($remaining_units * $unit_cost_third);
}
else {
    $temp = (50 * 3.5) + (100 * $unit_cost_second) + (100 * $unit_cost_third);
    $remaining_units = $units - 250;
    $bill = $temp + ($remaining_units * $unit_cost_fourth);
}
return number_format((float)$bill, 2, '.', '');
}
```

?>

<body>

<div id="page-wrap">

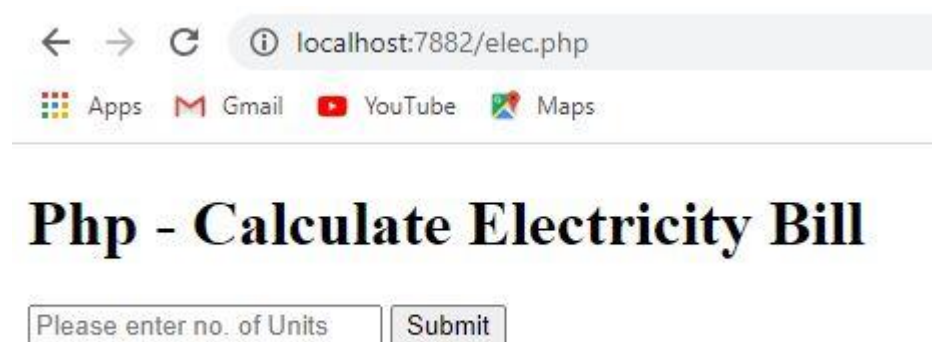
<h1>Php - Calculate Electricity Bill</h1>

```
<form action="" method="post" id="quiz-form">

<input type="number" name="units" id="units" placeholder="Please enter no. of Units" />
<input type="submit" name="unit-submit" id="unit-submit" value="Submit" />
</form>

<div>
    <?php echo '<br />' . $result_str; ?>
</div>
</div>

</tr>
</table>
</body>
</html>
```



Q4.Build a PHP code to store name of Indian Cricket players in an array and display the same in HTML table

```
<html>
```



```
<head>

    <title>Indian Cricket</title>

</head>
<body>

    <div id="page-wrap">

        <h1>Indian cricket</h1>

        <form action="printname.php" method="post">

            <input type="text" name="pname1" id="pname1" placeholder="Enter name of a player"
            /><br>

            <input type="text" name="pname2" id="pname2" placeholder="Enter name of a player"
            /><br>

            <input type="text" name="pname3" id="pname3" placeholder="Enter name of a player"
            /><br>

            <input type="text" name="pname4" id="pname4" placeholder="Enter name of a player"
            /><br>

            <input type="text" name="pname5" id="pname5" placeholder="Enter name of a player"
            /><br>

            <input type="submit" name="submit" value="Submit">

        </form>

    </div>

</body>
</html>
```

```
<?php
$name1 = $_POST['pname1'];
$name2 = $_POST['pname2'];
$name3 = $_POST['pname3'];
```

```
$name4 = $_POST['pname4'];
```

```
$name5 = $_POST['pname5'];
```

```
$myArray = Array($name1, $name2, $name3, $name4,$name5)?>
```

```
<table border='1'>
```

```
<tr>
```

```
<th>Id</th>
```

```
<th>Name</th>
```

```
</tr><?php
```

```
$x=1;
```

```
for($i=0;$i<5;$i++)
```

```
{
```

```
?>
```

```
<tr>
```

```
<td><?php echo $x;?></td>
```

```
<td><?php echo $myArray[$i];?></td>
```

```
</tr>;
```

```
<?php $x++; }?>
```

```
</table>
```

Output:

Indian cricket

Enter name of a player
Enter name of a player
Enter name of a player
Enter name of a player
Enter name of a player
Submit