

ASSIGNMENT

Web programming

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1st year MCA A
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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
```

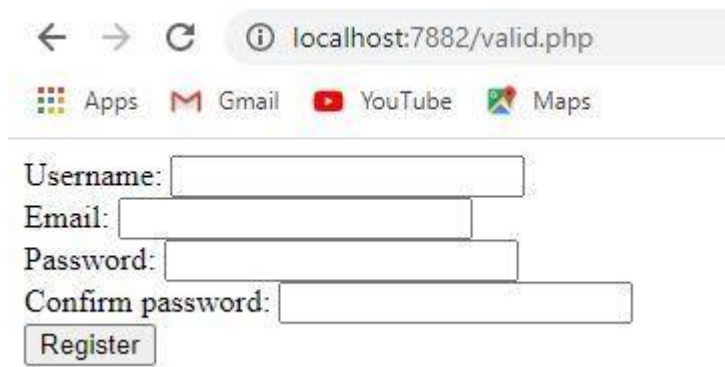
```
$data = $_POST;
```

```
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



The screenshot shows a web browser window with the address bar displaying 'localhost:7882/valid.php'. Below the address bar are several icons for 'Apps', 'Gmail', 'YouTube', and 'Maps'. The main content area of the browser shows a registration form with the following elements:

- Username:
- Email:
- Password:
- Confirm password:
- A 'Register' button at the bottom.

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>

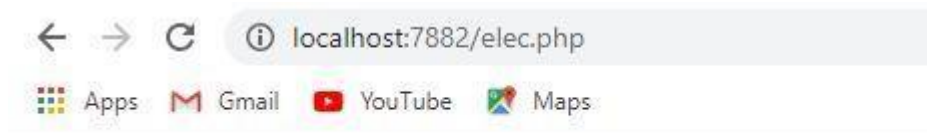
```

```

</div>

```

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



Php - Calculate Electricity Bill

Please enter no. of Units

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">
```



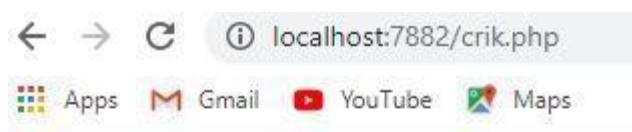
```
        <input type="text" name="pname1" id="pname1" placeholder="Enter name of a player"
/><br>
        <input type="text" name="pname2" id="pname2" placeholder="Enter name of a player"
/><br>
        <input type="text" name="pname3" id="pname3" placeholder="Enter name of a player"
/><br>
        <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

