Php programs-assignment1

1) Develop a php pgm to connect a database and retrieve data from table to show the detail in a near format

```
<html>

<body>

<form action="web1.php" method="post" >

roll : <input type="text" name="roll"><br>

age: <input type="text" name="age"><br>

Name : <input type="text" name="name"><br>

gender: <input type="text" name="gender"><br>

<input type="submit">

</form>

<?php



$conn = mysqli_connect("localhost", "root", "","assignment1 ");

$sql="select roll,name,age,gender from table1";

$result=mysqli_query($conn,$sql);

if(mysqli_num_rows($result)>0)

echo mysqli_num_rows($result)." Rows Found..!!";

?>

<table><tr>

<td>roll</td><td>name</td><td>age</td><td>gender</td>

</tr>

<?php
```

```php
while($row=mysqli_fetch_assoc($result)){
?>
<tr>
<td><?php echo $row["roll"];?></td>
<td><?php echo $row["name"];?></td>
<td><?php if($row["age"]>28) echo $row["age"]; else echo "Age Below 28";?></td>
<td><?php echo $row["gender"];?></td>
</tr>
<?php
}
?>
</table>
</body>
</html>
```

Connection

```html
<html>
<h1 welcome
```

Output

2) Outline a registration form using php and do the validation

PROGRAM

Registeration.php

```html
<html>
```

```php
<body>

<form action="regiser1.php" method="post" >

name : <input type="text" name="name"required><br>

address: <input type="text" name="address"required><br>

phone : <input type="text" name="phone"required><br>

country: <input type="text" name="country"required><br>

gender: <input type="text" name="gender"required><br>

city: <input type="text" name="city"required><br>

email: <input type="text" name="email" required><br>

password: <input type="text" name="password"required><br>

<input type="submit">

</form>

<?php

$conn = mysqli_connect("localhost", "root", "","register");

$sql="select name,address,phone,country,gender,city,email,password from reg1";

$result=mysqli_query($conn,$sql);

if(mysqli_num_rows($result)>0)

echo mysqli_num_rows($result)." Rows Found..!!";

if( $conn->query($sql)===TRUE )

                {

                        echo "<script>alert('Registered Successfully')</script>";


                        header("location: login1.php");


                }
                else
                {
```

```php
            echo "error:" . $sql ."<br>" . $conn->error;
        }



?>

<table><tr>

<td>name</td><td>address</td><td>phone</td><td>country</td><td>gender</td><td>city</td><td>email</td><td>password</td>

</tr>

<?php

while($row=mysqli_fetch_assoc($result)){

?>

<tr>

<td><?php echo $row["name"];?></td>

<td><?php echo $row["address"];?></td>

<td><?php echo $row["phone"];?></td>

<td><?php echo $row["country"];?></td>

<td><?php echo $row["gender"];?></td>

<td><?php echo $row["city"];?></td>

<td><?php echo $row["email"];?></td>

<td><?php echo $row["password"];?></td>

</tr>

<?php



}

?>

</table>
```

```html
</body>

</html>
```

register1.php

```php
<html>

<?php



$conn = mysqli_connect("localhost", "root", "","register");



?>



<h1> Welcome to new page</h1>
<?php
$name=$_POST['name'];

$address=$_POST['address'];

$phone=$_POST['phone'];

$country=$_POST['country'];

$gender=$_POST['gender'];

$city=$_POST['city'];

$email=$_POST['email'];

$password=$_POST['password'];
```

```php
$sql="insert into reg1 (name,address,phone,country,gender,city,email,password)
values('$name','$address',$phone,'$country','$gender','$city','$email','$password
')";

mysqli_query($conn,$sql);

?>
```

```html
</html>
```

Output

3) Compose electricity bill from user input base Ona give tariff using php

PROGRAM

```php
<!DOCTYPE html>



<head>

    <title>PHP - Calculate Electricity Bill</title>
</head>



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



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


    $units = $_POST['units'];
    if (!empty($units)) {
        $result = calculate_bill($units);
```

```php
        $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;
```

```php
        $bill = $temp + ($remaining_units * $unit_cost_fourth);

    }

    return number_format((float)$bill, 2, '.', '');

}



?>
```

```html
<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>
```

Output

4) Build a php code to store name of Indian cricket players in an array and display same in html table

PROGRAM

Cricket.php

```php
<!DOCTYPE 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>
```

```html
                    <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>
```

Printname.php

```php
<?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