

Course Outcome 3(CO3):

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

Web.php

```
<html>

<body>

<style>

th {

    color: #f44336;

}

</style>

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

<table>

<tr id="row">

<td>

ID </td><td><input type="text" name="ID"><br>

</td>

</tr>

<tr id="row">

<td>

Name </td><td><input type="text" name="name"><br>

</td>

</tr>

<tr id="row">

<td>

Age </td><td><input type="text" name="age"><br>

</td>

</tr>

</table>

<input type="SUBMIT"><br>
```

```

</form>

<?php
$connect=new mysqli('localhost','root','','testdb');
$sql="select name,ID,age from emp";
$result=mysqli_query($connect,$sql);
?>

<h3>Retrieved database table</h3>
<table style='width:50%' border='1'>
<tr>
<th>ID</th><th>Name</th><th>Age</th>
</tr>
<?php
while($row=mysqli_fetch_assoc($result)){
?>
<tr>
<td><?php echo $row["ID"];?></td>
<td><?php echo $row["name"];?></td>
<td><?php echo $row["age"];?></td>
</tr>
<?php
}
?>
</body>
</html>

```

db.php

```

<html>
<?php
$connect=new mysqli('localhost','root','','testdb') or die("unable to connect");

```

```

?>

<h1>Welcome</h1>

<?php

$name=$_POST['name'];

$id=$_POST['ID'];

$age=$_POST['age'];

$sql="insert into emp (name,ID,age) values('$name',$id,$age)";

echo $sql;

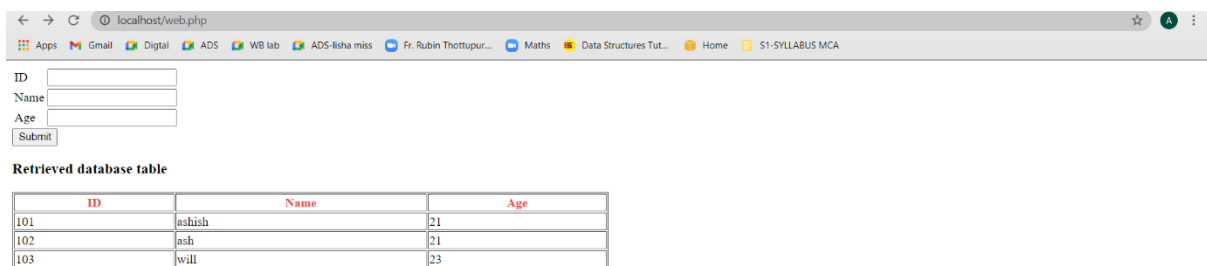
mysqli_query($connect,$sql);

?>

</html>

```

OUTPUT



The screenshot shows a web browser window with the address bar displaying 'localhost/web.php'. The browser's address bar and tabs are visible at the top. Below the browser window, there is a registration form with three input fields labeled 'ID', 'Name', and 'Age', and a 'Submit' button. Below the form, the text 'Retrieved database table' is displayed, followed by a table with three columns: 'ID', 'Name', and 'Age'. The table contains three rows of data.

ID	Name	Age
101	ashish	21
102	ash	21
103	will	23

Course Outcome 4 (CO4):

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

```

<html>

<style>

    b {

        background-color: yellow;

    }

```

```
table {  
    margin-top: 1em;  
    border: 1px solid black;  
    border-collapse: collapse;  
    width: 80%;  
    margin-left: auto;  
    margin-right: auto;  
    margin-bottom: 2em;  
    background-color: lightgray;  
}
```

```
tr,  
th,  
td {  
    border: 1px solid black;  
    padding: 10px;  
}
```

```
input {  
    /*width:100%;*/  
    border: 1 px solid gray;  
    /*border-radius: 10px;*/  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<form action="r1.php" method="post" >
```

```
<table>
```

```
<tr>
```

```
<th colspan="3">REGISTRATION FORM </th>
```

```
</tr>
```

```
<tr>

    <td>NAME</td>

    <td colspan="2"><input type="text" name="name"required></td>

</tr>

<tr>

    <td>AGE</td>

    <td colspan="2"><input type="text" name="age"required></td>

</tr>

    <tr>

    <td>Gender</td>

    <td colspan="2"><input type="text" name="gender"required></td>

</tr>

<tr>

    <td>PASSWORD</td>

    <td colspan="2"><input type="password" name="password"required></td>

</tr>

<tr>

    <td>RETYPE PASSWORD</td>

    <td colspan="2"><input type="password"></td>

</tr>

<tr>

    <td>ADDRESS</td>

    <td colspan="2"><input type="text" name="address"required> </td>

</tr>

<tr>

    <td>EMAIL ID</td>

    <td colspan="2"><input type="text" name="email"required> </td>

</tr>

<tr>

    <td>COUNTRY</td>
```

```

        <td colspan="2"><input type="text" name="country"required> </td>
    </tr>

        <tr>

            <td>CITY</td>

            <td colspan="2"><input type="text" name="city"required> </td>
        </tr>
    <tr>

        <td>PHONE NUMBER </td>

        <td colspan="2"><input type="text" name="phone"required> </td>

    </tr>

    <td style="text-align: center;"><input type="reset" style="background-color:
red;color:white; padding: 6px 12px; border: 1px solid transparent;"></td>

    <td colspan="2" style="text-align: center;"><input type="submit" style="background-color:
green;color:white; padding: 6px 12px; border: 1px solid transparent;"></td>
</tr>
</table>
</form>
</body>
</html>

```

Page 2

```

<html>
<head>
<style>
b {
    background-color: yellow;
}

table {

```

```
margin-top: 1em;
border: 1px solid black;
border-collapse: collapse;
width: 80%;
margin-left: auto;
margin-right: auto;
margin-bottom: 2em;
background-color: lightgray;
}
```

```
tr,
th,
td {
    border: 1px solid black;
    padding: 10px;
}
```

```
input {
    /*width:100%;*/
    border: 1 px solid gray;
    /*border-radius: 10px;*/
}
```

</style>

</head>

<?php

```
$conn = mysqli_connect("localhost", "root", "", "testdb");
```

?>

```
<h1> Registration is successfull </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'];
```

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

```
mysqli_query($conn,$sql);
```

```
?>
```

```
<?php
```

```
$nameErr = "";
```

```
    $name = $email = $gender = $comment = $age = "";
```

```
    if ($_SERVER["REQUEST_METHOD"] == "POST") {
```

```
        if (empty($_POST["name"]) || empty($_POST["email"]) || empty($_POST["age"]) ||
empty($_POST["gender"])
```

```
            || empty($_POST["password"]) || empty($_POST["address"]) ||
empty($_POST["country"]) || empty($_POST["city"]) || empty($_POST["phone"])) {
```

```
                $nameErr = "Please fill the fields";
```

```
            }
```

```
        }
```

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

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



```

if(mysqli_num_rows($result)>0)

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

?>

<table><tr>

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

</tr>

<?php

}

?>

</table>

</html>

```

OUTPUT

localhost/rf.php

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REGISTRATION FORM	
NAME	will
AGE	23
Gender	male
PASSWORD	
RETYPE PASSWORD	Please fill out this field.
ADDRESS	varic
EMAIL ID	ash@123.com
COUNTRY	india
CITY	kannur
PHONE NUMBER	9447883564
Reset	Submit

localhost/register1.php

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Registration is successfull

9 Rows Found.!!

name	address	phone	country	gender	city	email
ashish	varic	2147483647	india	male	kannur	ashish@gmail.com
ash	onir road	2147483647	india	male	kannur	ash@123.com
das	vr road	2147483647	india	male	kannur	das@123.com
ammu	onir road	9605177942	india	female	kannur	ammu@123.com
will	varic	9447883564	india	male	kannur	ash@123.com
will	varic	9447883564	india	male	kannur	ash@123.com
will	varic	9447883564	india	male	kannur	ash@123.com
will	varic	9447883564	india	male	kannur	ash@123.com
rash	onir road	48584566	india	male	kannur	rash@123.com

2. 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)) {
```

```
        $result = calculate($units);
```

```
        $result_str = 'Total amount of ' . $units . ' - ' . $result;
```

```
    }
```

```
}
```

```
function calculate($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>

    <h1>Electricity Bill</h1>

    <form action="" method="post" >

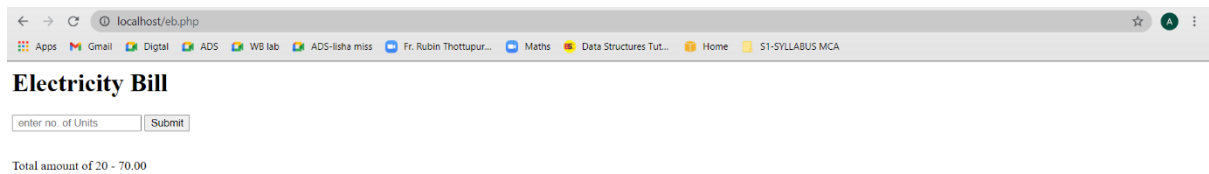
        <input type="number" name="units" id="units" placeholder=" enter no. of Units" />
        <input type="submit" name="unit-submit" id="unit-submit" value="Submit" />
    </form>

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

</body>
</html>

```

OUTPUT



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

```
<!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>
        <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>

```

Page 2

```

<html>
<body>
<?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++; }?>

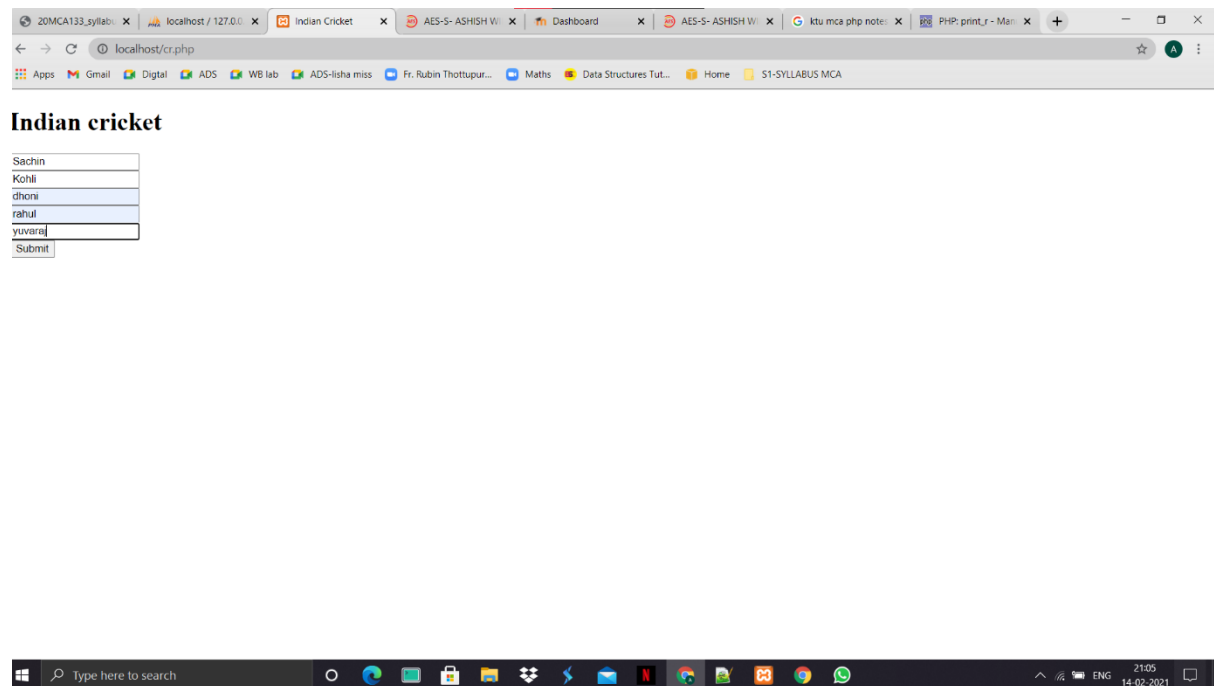
    </table>

</body>

</html>

```

OUTPUT



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localhost/printname.php

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Id	Name
1	Sachin
2	Kohli
3	dhoni
4	rahul
5	yuvraj