

# Course Name : Web Technologies

## Course Instructor :



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```
<?php
class Fruit {
    public $name;
}
$apple = new Fruit();
?>
```



```
<?php
class Fruit {
    public $name;
}
$apple = new Fruit();
$apple->name = "Apple";

echo $apple->name;
?>
```

\$apple is an object

PHP uses -> to call a member function or member data

```
<?php
class Fruit {
    public $name;
    function set_name($name) {
        $this->name = $name;
    }
}
$apple = new Fruit();
$apple->set_name("Apple");

echo $apple->name;
?>
```

# Database Connectivity

```
$name = $_POST['name'];
$email = $_POST['email'];
$concole = $_POST['concole'];
$game = $_POST['game'];
```

### HTML form

First name:

Last name:

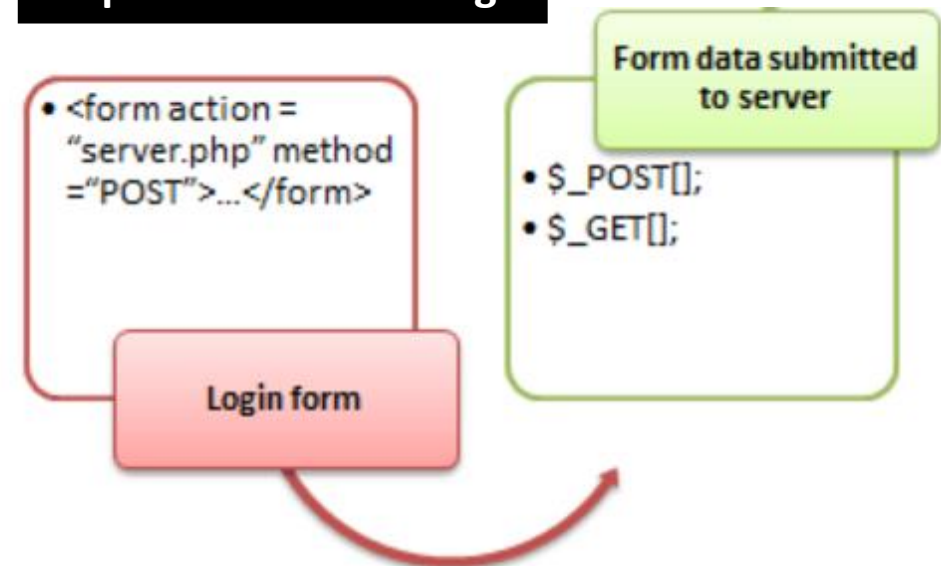
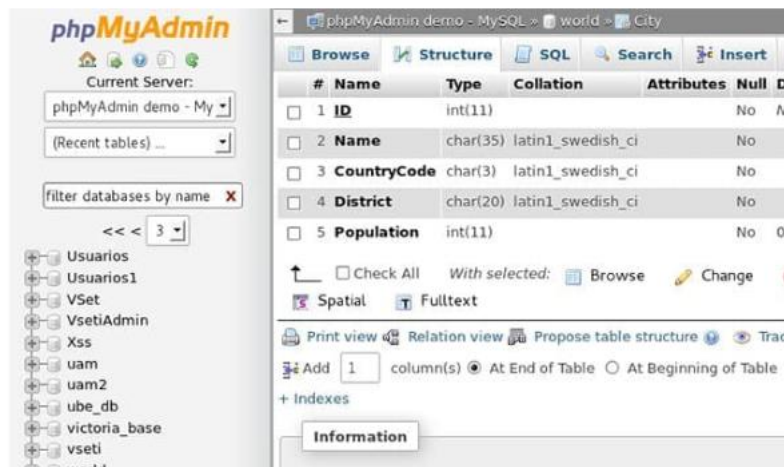
E-mail:

☐ Male  
☐ Female

Step 2: Form Data inside PHP code

Step 1: Front End Design

Step 3: Create DB & Tables in MYSQL



# PHP Code to INSERT Data from PHP variable into DB

## Step A: Connect to MYSQL DB

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

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

## Step B: Create object to mysqli() class

## Step C: Retrieve the form values

```
$abc=$_POST["Name"];
echo($abc);
$def=$_POST["Address"];
echo($def);
$ghi=$_POST["dor"];
echo($ghi);
$sql = "INSERT INTO members ( Name , Address , dor ) VALUES ('$abc', '$def', '$ghi')";
```

## Step D: Execute the query by calling the function query()

```
if ($conn->query($sql) === TRUE) {
    echo "New record created successfully";
} else {
    echo "Error: " . $sql . "<br>" . $conn->error;
}
```

```
$conn->close();
?>
```

Step A: Connect to MYSQL DB

PHP Code to Select & Display Data from DB

Step B: Create object \$conn to mysqli() class

```
$sql = "SELECT id, firstname, lastname FROM MyGuests";  
$result = $conn->query($sql);
```

Step C: Execute the query by calling the  
function query()  
Save it in \$result

```
if ($result->num_rows > 0) {  
    // output data of each row  
    while($row = $result->fetch_assoc()) {  
        echo "id: " . $row["id"]. " - Name: " . $row["firstname"]. " " . $row["lastname"]. "<br>";  
    }  
} else {  
    echo "0 results";  
}  
$conn->close();  
?>
```

Step D: Go with the \$result to get each fields.  
Each row is fetched using fetch\_assoc()



```
$account = $db->query('SELECT * FROM accounts WHERE id = ?', 3)->fetchArray();  
echo $account['name'];
```

*Thank  
you*

