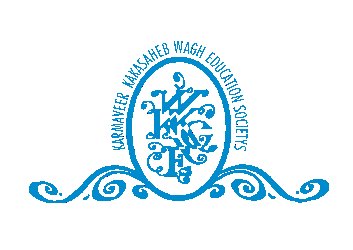
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DEPARTMENT OF COMPUTER TECHNOLOGY

# Academic Year: 2024-25 Class: TYCM-Lin, Win and Mac Course/Year: CM6I

# Course: Web Based Development Using PHP (WBP) Course Code: 22619

1. **Implement a program to create a session, update, and destroy the same session.**
2. **Implement a PHP program to demonstrate session management**

<?php

session\_start();

if (isset($\_POST['create'])) {

    $\_SESSION['fvcolor'] = "green";

    $\_SESSION['fvcar'] = "fortuner";

    echo "Session created successfully<br>";

    echo $\_SESSION['fvcolor'] . "<br>";

    echo $\_SESSION['fvcar'] . "<br>";

}

if (isset($\_POST['update'])) {

    if (isset($\_SESSION['fvcolor']) && isset($\_SESSION['fvcar'])) {

        $\_SESSION['fvcolor'] = "red";

        $\_SESSION['fvcar'] = "audi";

        echo "Session updated successfully<br>";

        echo $\_SESSION['fvcolor'] . "<br>";

        echo $\_SESSION['fvcar'] . "<br>";

    } else {

        echo "No session to update.<br>";

    }

}

if (isset($\_POST['destroy'])) {

    session\_unset(); // Remove session variables

    session\_destroy(); // End session

    echo "Session destroyed successfully<br>";

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Session Example</title>

</head>

<body>

    <form method="post">

        <input type="submit" name="create" value="Create Session">

        <input type="submit" name="update" value="Update Session">

        <input type="submit" name="destroy" value="Destroy Session">

    </form>

</body>

</html>

1. **Implement a program to use validation for following controls**
2. [**Implement a simple PHP program to check that email id is valid or not**](https://techstudy.org/php/Write-a-simple-PHP-program-to-check-that-email-id-is-valid-or-not)**.**

**a) Username**

**b) Email address**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <form method="post">

    <label>Username</label>

    <input type="text" name="name" id="name" placeholder="Enter your username"><br><br>

    <br><br>

    <label>Email</label>

    <input type="text" name="email" id="email" placeholder="Enter your email">

    <br><br>

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

    </form>

</body>

</html>

<?php

$username = $\_POST['name'];

$email = $\_POST['email'] ;

$pattern = "/^[a-zA-Z ]{2,}$/";

$pattern2 = "/^[a-zA-Z0-9.\_-]+@[a-zA-Z]+\.[a-zA-Z]{2,6}$/";

if(preg\_match($pattern, $username) && preg\_match($pattern2, $email)){

    echo "Valid username and email";

}else{

    echo "Invalid username or email";

}

?>

1. **Implement a simple PHP program to create a PDF documents by using Graphics concepts.**
2. **Implement a PHP program to check prime number**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

<form method="post">

    Enter the number:

    <input type="text" name="num" id="num"><br><br>

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

</form>

</body>

</html>

<?php

$num = $\_POST['num'];

$flag=0;

for($i=2;$i<=sqrt($num);$i++){

    if($num%$i==0){

        $flag=1;

        break;

    }

}

if($flag==1){

    echo "$num is not a prime number";

}

else{

    echo "$num is a prime number";

}

?>

1. [**Implement a PHP script to**](https://techstudy.org/php/Write-a-PHP-script-to-convert-lowercase-string-to-uppercase) **Implement any four String Functions**

## [Implement a PHP program to count the words in the string](https://tutorialsclass.com/exercise/php-program-to-count-words-in-string/)

<?php

$str="PHP programming is easy to learn and use.";

$str1="PHP programming is easy .";

echo "String in uppercase:".strtoupper($str)."<br>";

echo "String in lowercase:".strtolower($str)."<br>";

echo "String length:".strlen($str)."<br>";

echo "String word count:".str\_word\_count($str)."<br>";

echo "String reverse:".strrev($str)."<br>";

echo "String position:".strpos($str,"easy")."<br>";

echo "String replace:".str\_replace("easy","difficult",$str)."<br>";

echo "String repeat:".str\_repeat($str,2)."<br>";

echo "String trim:".trim($str)."<br>";

echo "String compare:".strcmp($str,$str1)."<br>";

echo "String concat:".strcat($str,$str1)."<br>";

echo"String ucword:".ucwords($str)."<br>";

?>

1. [**Implement a PHP script to**](https://techstudy.org/php/Write-a-PHP-script-to-convert-lowercase-string-to-uppercase) **Implement eight Math Functions**

<?php

$num = 16.75;

$angle = 30;

echo "<h3>More Math Function Examples in PHP</h3>";

echo "1. abs(-25): " . abs(-25) . "<br>";

echo "2. ceil(16.75): " . ceil($num) . "<br>";

echo "3. floor(16.75): " . floor($num) . "<br>";

echo "4. round(16.75): " . round($num) . "<br>";

echo "5. sqrt(144): " . sqrt(144) . "<br>";

echo "6. pow(3, 4): " . pow(3, 4) . "<br>";

echo "7. max(12, 45, 7): " . max(12, 45, 7) . "<br>";

echo "8. min(12, 45, 7): " . min(12, 45, 7) . "<br>";

echo "9. sin(30°): " . sin($angle). "<br>";

echo "10. cos(30°): " . cos($angle). "<br>";

echo "11. tan(30°): " . tan($angle). "<br>";

echo "12. log(10): " . log(10) . "<br>";

echo "13. log10(100): " . log10(100) . "<br>";

?>

1. [**Implement a PHP script to replace the first substring of the with second.**](https://techstudy.org/php/Write-a-PHP-script-to-replace-thefirst-the-of-the-following-string-with-best)

<?php

$str = "PHP programming is easy to learn and use.";

echo "String replace:".str.replace("easy","difficult",$str)."<br>";

?>

1. **Implement a PHP program for sending and receiving plain text message (email).**
2. **Implement a program to check positive or negative no.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

<form method="post">

    Enter the number:

    <input type="text" name="num" id="num"><br><br>

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

</form>

</body>

</html>

<?php

$num = $\_POST['num'];

if($num>0){

    echo "$num is positive number<br>";

}

elseif($num<0){

    echo "$num is negative number<br>";

}

else{

    echo "$num is zero<br>";

}

?>

1. **Implement a PHP code to insert data into employee table.**
2. **Implement a** [**PHP Program to create a login page**](https://teachics.org/php-programming-examples/php-program-to-create-a-login-page/)

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Validation Form</title>

</head>

<body>

<form method="post">

    Username:

    <input type="text" name="username" id="username"><br><br>

    Password:

    <input type="text" name="Password" id="Password"><br><br>

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

</form>

</body>

</html>

<?php

// if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    $user = $\_POST['username'];

    $pass = $\_POST['Password'];

    $pattern = "/^[a-zA-Z0-9]{5,}$/";

    if (preg\_match($pattern, $user) && preg\_match($pattern, $pass)) {

        echo "Valid username and password";

    } else {

        echo "Invalid username or password";

    }

// }

?>

1. **Implement a** [**Program to print each element of an array using foreach().**](http://www.makeitsimple.co.in/PHP_foreachexp.php)

<?php

$fruits = array("Apple", "Banana", "Cherry", "Mango", "Orange");

echo "List of Fruits:<br>";

foreach ($fruits as $fruit) {

    echo $fruit . "<br>";

}

?>

## [Implement a program to show day of the week using switch](https://tutorialsclass.com/exercise/write-program-show-day-week-using-switch/)

<?php

$dayNumber = date("w");

switch ($dayNumber) {

    case 0:

        echo "Today is Sunday";

        break;

    case 1:

        echo "Today is Monday";

        break;

    case 2:

        echo "Today is Tuesday";

        break;

    case 3:

        echo "Today is Wednesday";

        break;

    case 4:

        echo "Today is Thursday";

        break;

    case 5:

        echo "Today is Friday";

        break;

    case 6:

        echo "Today is Saturday";

        break;

    default:

        echo "Invalid day";

}

?>

## [Implement a PHP program factorial program using for loop in php](https://tutorialsclass.com/exercise/factorial-program-using-php-for-loop/)

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

<form method="post">

    Enter the number:

    <input type="text" name="num" id="num"><br><br>

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

</form>

</body>

</html>

<?php

$num = $\_POST['num'];

$factorial = 1;

for ($i = 1; $i <= $num; $i++) {

    $factorial \*= $i;

}

echo "Factorial of $num is: $factorial";

?>

## [Implement a PHP program simple calculator using switch case](https://tutorialsclass.com/exercise/simple-calculator-program-in-php/)

<?php

if (isset($\_POST['submit'])) {

    $num1 = $\_POST['num1'];

    $num2 = $\_POST['num2'];

    $operation = $\_POST['operation'];

    switch ($operation) {

        case 'add':

            $result = $num1 + $num2;

            echo "Result: $num1 + $num2 = $result";

            break;

        case 'subtract':

            $result = $num1 - $num2;

            echo "Result: $num1 - $num2 = $result";

            break;

        case 'multiply':

            $result = $num1 \* $num2;

            echo "Result: $num1 \* $num2 = $result";

            break;

        case 'divide':

            if ($num2 != 0) {

                $result = $num1 / $num2;

                echo "Result: $num1 / $num2 = $result";

            } else {

                echo "Cannot divide by zero!";

            }

            break;

        default:

            echo "Invalid operation!";

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Simple Calculator</title>

</head>

<body>

<form method="post">

    <label for="num1">Enter First Number:</label>

    <input type="number" name="num1" required><br><br>

    <label for="num2">Enter Second Number:</label>

    <input type="number" name="num2" required><br><br>

    <label for="operation">Select Operation:</label>

    <select name="operation" required>

        <option value="add">Addition</option>

        <option value="subtract">Subtraction</option>

        <option value="multiply">Multiplication</option>

        <option value="divide">Division</option>

    </select><br><br>

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

</form>

</body>

</html>

## [Implement a PHP program to reverse the string](https://tutorialsclass.com/exercise/write-a-php-program-to-reverse-the-string/) without string function

<?php

$str = "Hello, World!";  // You can change this string

$reversedStr = "";  // Initialize an empty string to store the reversed string

$length = strlen($str);  // Get the length of the string

for ($i = $length - 1; $i >= 0; $i--) {

    $reversedStr .= $str[$i];  // Append each character in reverse order

}

echo "Original String: $str <br>";

echo "Reversed String: $reversedStr";

?>

## Implement a PHP program to check entered year is Leap Year or not.

<?php

if (isset($\_POST['submit'])) {

    $year = $\_POST['year'];

    if (($year % 4 == 0)) {

        echo "$year is a Leap Year";

    } else {

        echo "$year is not a Leap Year";

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Leap Year Checker</title>

</head>

<body>

<form method="post">

    <label for="year">Enter Year:</label>

    <input type="number" name="year" required><br><br>

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

</form>

</body>

</html>

1. **Implement a** PHP **program to print first 30 even number**

**<?php**

**$i=1;**

**for($i=1;$i<=30;$i++){**

**if($i%2==0){**

**echo "$i is even number <br>";**

**}**

**}**

**?>**

1. **Implement a PHP program to find reverse of a number**

<?php

if (isset($\_POST['submit'])) {

    $num = $\_POST['num'];

    $reverseNum = 0;

    $originalNum = $num;

    while ($num > 0) {

        $digit = $num % 10;

        $reverseNum = ($reverseNum \* 10) + $digit;

        $num = (int) ($num / 10);

    }

echo "The reverse number is :".$reverseNum."<br>";

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Reverse number</title>

</head>

<body>

<form method="post">

    <label for="num">Enter Number:</label>

    <input type="number" name="num" required><br><br>

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

</form>

</body>

</html>

1. **Implement a PHP program to implement associative array**

<?php

$student = array(

    "id" => 101,

    "name" => "Alice",

    "age" => 22,

    "department" => "Physics"

);

echo "Student ID: " . $student["id"] . "<br>";

echo "Name: " . $student["name"] . "<br>";

echo "Age: " . $student["age"] . "<br>";

echo "Department: " . $student["department"] . "<br>";

?>

1. **Implement a PHP program to implode & explode functions**

<?php

// Implode: Converts an array into a string by joining array elements with a separator

// Creating an array

$fruits = array("Apple", "Banana", "Orange", "Mango");

$fruits\_string = implode(", ", $fruits);

echo "Fruits as a string: " . $fruits\_string . "<br>";

// Explode: Converts a string into an array by splitting it using a separator

$fruits\_array = explode(", ", $fruits\_string);

echo "Fruits as an array: ";

print\_r($fruits\_array);

?>

1. **Implement a PHP program to count no of words in string without string function**

**<?php**

// Function to count words manually

function countWords($str) {

    $count = 0;

    $inWord = false;

    // Loop through each character in the string

    for ($i = 0; $i < strlen($str); $i++) {

        // Check if the character is a space

        if ($str[$i] != ' ') {

            // If not a space, we are inside a word

            if (!$inWord) {

                $count++;  // Increment word count

                $inWord = true;  // Mark as inside a word

            }

        } else {

            // If it is a space, we are no longer in a word

            $inWord = false;

        }

    }

    return $count;

}

// Example string

$text = "This is a simple string.";

// Count words in the string

$wordCount = countWords($text);

// Display the result

echo "Word count: $wordCount";

?>

1. **Implement a PHP program to implement Single inheritance**

<?php

class Person {

    public $name;

    public function \_\_construct($name) {

        $this->name = $name;

    }

    public function greet() {

        return "Hello, my name is $this->name.";

    }

}

class Student extends Person {

    public function study() {

        return "$this->name is studying.";

    }

}

$student = new Student("Nits");

echo $student->greet();

echo "<br>";

echo $student->study();

?>

**Or**

<?php

class Student{

    function read\_data(){

        $this->name = "John Doe";

        $this->class = "10th Grade";

    }

    function display\_data(){

        echo "Name: " . $this->name . "<br>";

        echo "Class: " . $this->class . "<br>";

    }

}

$s = new student();

$s->read\_data();

$s->display\_data();

$s1= clone  $s;

$s1->name = "Jane Doe";

$s1->class = "12th Grade";

$s1->display\_data();

$s1->display\_data(); // Output: Name: Jane Doe, Class: 12th Grade

?>

1. **Implement a PHP program for sending and receiving Plain text Message (email)**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Send Email</title>

</head>

<body>

    <h2>Send an Email</h2>

    <form method="post">

        <label for="to">To:</label>

        <input type="email" name="to" id="to" required><br><br>

        <label for="subject">Subject:</label>

        <input type="text" name="subject" id="subject" required><br><br>

        <label for="message">Message:</label>

        <textarea name="message" id="message" cols="30" rows="10" required></textarea><br><br>

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

    </form>

    <?php

    if (isset($\_POST['submit'])) {

        $to = $\_POST['to'];

        $subject = $\_POST['subject'];

        $message = $\_POST['message'];

        $headers = "From: nitinendait3@emial.com";  // Change this to your own email address

        if (mail($to, $subject, $message, $headers)) {

            echo "<h3>Email sent successfully to: $to</h3>";

            echo "<p><strong>Subject:</strong> $subject</p>";

            echo "<p><strong>Message:</strong> $message</p>";

        } else {

            echo "<h3>Failed to send email. Try again.</h3>";

        }

    }

    ?>

</body>

</html>

1. **Implement a PHP program to delete 1 record from Student Database where RollNo=2**
2. **Implement a PHP program to**

**(i)Enter data into database**

**(ii) Retrieve and present data from database**

1. **Implement a PHP program to update 1 record from Student Database. Update name of Student having RollNo=1**
2. **Implement a PHP program update and delete data in the database(assume sutable Database)**
3. **Develop a PHP program to Enter data into table and Retrieve and present data from**

**table**

1. **Implement a PHP program insert data in the database.**

**Html Code:**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>Document</title>**

**</head>**

**<body>**

**<form action="process.php" method="get">**

**<label>Student Id:</label><br>**

**<input type="text" name="id" id="id"><br><br>**

**<label>Student Name:</label><br>**

**<input type="text" name="name" id="name"><br><br>**

**<label>Student Department:</label><br>**

**<input type="text" name="dept" id="dept"><br><br>**

**<label>Student Class:</label><br>**

**<input type="text" name="class" id="class"><br><br>**

**<br>**

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

**<input type="submit" name="display" value="Display">**

**<input type="submit" name="delete" value="Delete">**

**<input type="submit" name="update" value="Update">**

**</form>**

**</body>**

**</html>**

**Process Php**

**<?php**

**$name = $\_GET['name'] ?? '';**

**$class = $\_GET['class'] ?? '';**

**$dept = $\_GET['dept'] ?? '';**

**$id = $\_GET['id'] ?? '';**

**$server = "localhost";**

**$user = "root";**

**$pass = "";**

**$dbname = "Nits";**

**$conn = new mysqli($server, $user, $pass, $dbname);**

**if ($conn->connect\_error) {**

**echo "Connection Problem: " . $conn->connect\_error;**

**exit();**

**} else {**

**echo "Connection established successfully<br>";**

**}**

**// Submit**

**if (isset($\_GET['submit'])) {**

**$sql = "INSERT INTO stud(id, name, class, dept) VALUES('$id', '$name', '$class', '$dept')";**

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

**if($result){**

**echo "Data inserted successfully<br>";**

**} else {**

**echo "Data not inserted: " . $conn->error;**

**}**

**}**

**// Update**

**if (isset($\_GET['update'])) {**

**$sql = "UPDATE stud SET name='$name', class='$class', dept='$dept' WHERE id='$id'";**

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

**if($result){**

**echo "Data updated successfully<br>";**

**} else {**

**echo "Data not updated: " . $conn->error;**

**}**

**}**

**// Delete**

**if (isset($\_GET['delete'])) {**

**$sql = "DELETE FROM stud WHERE id='$id'";**

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

**if($result){**

**echo "Data deleted successfully<br>";**

**} else {**

**echo "Data not deleted: " . $conn->error;**

**}**

**}**

**// Display**

**if (isset($\_GET['display'])) {**

**$sql = "SELECT \* FROM stud";**

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

**if ($result->num\_rows > 0) {**

**echo "<h3>Student Records:</h3>";**

**echo "<table border='1' cellpadding='5'>";**

**echo "<tr><th>ID</th><th>Name</th><th>Class</th><th>Department</th></tr>";**

**while ($row = $result->fetch\_assoc()) {**

**echo "<tr>";**

**echo "<td>" . $row['id'] . "</td>";**

**echo "<td>" . $row['name'] . "</td>";**

**echo "<td>" . $row['class'] . "</td>";**

**echo "<td>" . $row['dept'] . "</td>";**

**echo "</tr>";**

**}**

**echo "</table>";**

**} else {**

**echo "No records found.";**

**}**

**}**

**$conn->close();**

**?>**

1. **Implement a PHP program set and modify cookies.**
2. **Implement a PHP program to demonstrate use of cookies.**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Cookie Demo</title>

</head>

<body>

<h1>Cookie Demo</h1><hr>

<h2>Set a Cookie</h2>

<form method="POST" action="">

    <label>Enter Name:</label>

    <input type="text" name="username" required>

    <button type="submit" name="set\_cookie">Set Cookie</button>

</form>

<h2>Actions</h2>

<form method="POST" action="">

    <button type="submit" name="show\_cookie">Show Cookie</button>

    <button type="submit" name="delete\_cookie">Delete Cookie</button>

</form>

<?php

// Set Cookie

if (isset($\_POST['set\_cookie'])) {

    $username = $\_POST['username'];

    setcookie("username", $username, time() + 3600, "/");

    echo "<p>Cookie Set: $username</p>";

}

// Show Cookie

if (isset($\_POST['show\_cookie'])) {

    if (isset($\_COOKIE['username'])) {

        echo "<p>Cookie Value: " . $\_COOKIE['username'] . "</p>";

    } else {

        echo "<p>No cookie found!</p>";

    }

}

// Delete Cookie

if (isset($\_POST['delete\_cookie'])) {

    setcookie("username", "", time() - 3600, "/");

    echo "<p>Cookie deleted!</p>";

}

?>

</body>

</html>

1. **Implement a PHP program any Six Method of Introspection**

<?php

class Student {

public $name;

public $age;

private $grade;

public function \_\_construct($name, $age, $grade) {

$this->name = $name;

$this->age = $age;

$this->grade = $grade;

}

public function getDetails() {

return "Name: $this->name, Age: $this->age, Grade: $this->grade";

}

}

echo "<h3>PHP Introspection Methods</h3>";

$student1 = new Student("Nits", 20, "A");

echo "Class Name: " . get\_class($student1) . "<br>";

echo "Parent Class: " . (get\_parent\_class($student1) ?: "No parent class") . "<br>";

$methods = get\_class\_methods($student1);

echo "Methods: " . implode(", ", $methods) . "<br>";

$properties = get\_object\_vars($student1);

echo "Object Properties: " . implode(", ", array\_keys($properties)) . "<br>";

$allVars = get\_class\_vars(get\_class($student1));

echo "Class Properties: " . implode(", ", array\_keys($allVars)) . "<br>";

if (property\_exists($student1, "name")) {

echo "Property 'name' exists in the object.<br>";

}

if (method\_exists($student1, "getDetails")) {

echo "Method 'getDetails' exists in the object.<br>";

}

?>

1. **Create a class as “Percentage” with two properties length & width. Calculate**

**area of rectangle for two objects.**

<?php

class Percentage {

    public $length;

    public $width;

    public function \_\_construct($length, $width) {

        $this->length = $length;

        $this->width = $width;

    }

    public function calculateArea() {

        echo "Area of Rectangle: <br>".$this->length \* $this->width . "<br>";

    }

}

$rectangle1 = new Percentage(10, 5);

$rectangle2 = new Percentage(15, 8);

$rectangle1->calculateArea();

$rectangle2->calculateArea();

?>

1. **Implement a PHP program method overloading and overriding .**

**Method overriding**

<?php

class Animal {

    public function sound() {

        print "<br>Animal sound";

    }

}

class Dog extends Animal {

    public function sound() {

        Animal::sound(); // Call the parent class method

        print "<br>Dog bark";

    }

}

class Cat extends Animal {

    public function sound() {

        Animal::sound(); // Call the parent class method

        print "<br>Dog meow";

    }

}

$cat=new Cat();

$cat->sound(); // Output: Dog meow

// $dog = new Dog();

// $dog->sound(); // Output: Dog bark

// $animal = new Animal();

// $animal->sound(); // Output: Animal sound

?>

**Method Overloading**

**<?php**

class Person {

    // Magic method \_\_call to handle method overloading

    public function \_\_call($method, $args) {

        if ($method == 'display') {

            if (count($args) == 2) {

                $name = $args[0];

                $age = $args[1];

                return "Name: $name, Age: $age"; // Display name and age

            } elseif (count($args) == 1) {

                $name = $args[0];

                return "Name: $name, Age: Not provided"; // Only name provided

            } else {

                return "Invalid number of arguments for display method";

            }

        }

        return "Method $method not found!";

    }

}

$person = new Person();

echo $person->display("John", 25) . "<br>";

echo $person->display("Alice") . "<br>";

echo $person->display() . "<br>";

?>

1. **Implement a PHP program PDF document in PHP with image**
2. **Implement a PHP program Employee form like employee\_name, Address, Mobile\_No., Date of birth, Post and Salary using different form input element and display user**

**inserted values in new PHP form.**

**html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Employee Form</title>

</head>

<body>

    <h2>Employee Form</h2>

    <form method="POST" action="display.php">

        <label for="emp\_name">Employee Name:</label><br>

        <input type="text" name="emp\_name" id="emp\_name" required><br><br>

        <label for="address">Address:</label><br>

        <textarea name="address" id="address" rows="4" required></textarea><br><br>

        <label for="mobile\_no">Mobile No:</label><br>

        <input type="text" name="mobile\_no" id="mobile\_no" required><br><br>

        <label for="dob">Date of Birth:</label><br>

        <input type="date" name="dob" id="dob" required><br><br>

        <label for="post">Post:</label><br>

        <input type="text" name="post" id="post" required><br><br>

        <label for="salary">Salary:</label><br>

        <input type="number" name="salary" id="salary" required><br><br>

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

    </form>

</body>

</html>

**PHP**

<?php

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    $emp\_name = $\_POST['emp\_name'];

    $address = $\_POST['address'];

    $mobile\_no = $\_POST['mobile\_no'];

    $dob = $\_POST['dob'];

    $post = $\_POST['post'];

    $salary = $\_POST['salary'];

    echo "<h2>Employee Details</h2>";

    echo "<p><strong>Employee Name:</strong> $emp\_name</p>";

    echo "<p><strong>Address:</strong> $address</p>";

    echo "<p><strong>Mobile No:</strong> $mobile\_no</p>";

    echo "<p><strong>Date of Birth:</strong> $dob</p>";

    echo "<p><strong>Post:</strong> $post</p>";

    echo "<p><strong>Salary:</strong> $$salary</p>";

}

?>

**Mr. P. S. Chavan**

**Subject Teacher**