**HTML FILENAME: Greet.html**

<!DOCTYPE html>

<html>

<head>

<title>Greeting Form</title>

</head>

<body>

<h2>Enter your name</h2>

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

<label for="name">Name:</label>

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

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

</form>

</body>

</html>

**PHP FILENAME: Gre.php**

<?php

if($\_POST){

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

echo "Hello".$name ;

}

?>

**STRING/Number PALINDROME**

**AIM:**

**To write a program for find the given string is palindrome or not.**

**PROGRAM:**

<?php

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

$n=$\_POST['str'];

$rev=strrev($n);

if($n==$rev){

echo "$n Palindrome";

}

else{

echo "$n not a palindrome";

}

}

?>

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

<input type="textbox" name="str" required>

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

</form>

**For armstrong**

// takes value from user

<!DOCTYPE html>

<html>

<body>

<form method="post">

Enter a number: <input type="number" name="number" required>

<input type="submit" value="Check Armstrong Number">

</form>

<?php

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

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

function isArmstrong($number) {

$digits = str\_split($number);

$sum = 0;

$length = strlen($number);

foreach ($digits as $digit) {

$sum += pow($digit, $length);

}

if ($sum == $number) {

return "$number is an Armstrong number.";

} else {

return "$number is not an Armstrong number.";

}

}

echo isArmstrong($number);

}

?>

</body>

</html>

**NESTING OF MEMBER FUNCTION**

**AIM:**

**To write a program for find the large value using nesting of member function.**

<?php

function findLargest($a, $b) {

return max($a, $b);

}

$a = readline("Enter the first number: ");

$b = readline("Enter the second number: ");

$largest = findLargest($a, $b);

echo "The largest number is: $largest\n";

**MATHEMATICAL CALCULATOR**

<?php

function calculate($num1, $num2, $operator) {

switch ($operator) {

case '+':

return $num1 + $num2;

case '-':

return $num1 - $num2;

case '\*':

return $num1 \* $num2;

case '/':

if ($num2 == 0) {

return "Cannot divide by zero";

} else {

return $num1 / $num2;

}

default:

return "Invalid operator";

}

}

$num1 = readline("Enter the first number: ");

$num2 = readline("Enter the second number: ");

$operator = readline("Enter the operator (+, -, \*, /): ");

$result = calculate($num1, $num2, $operator);

echo "Result: $result\n";

?>

**AGE CALCULATOR**

<?php

function calculateAge($birthdate) {

$birthDate = new DateTime($birthdate);

$currentDate = new DateTime();

$age = $currentDate->diff($birthDate)->y;

return $age;

}

$birthdate = readline("Enter your birthdate (YYYY-MM-DD): ");

$age = calculateAge($birthdate);

echo "Your age is: $age years old";

?>

**To create a php page for login without using SQL connection.**

<?php

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

$username = $\_POST["username"];

$password = $\_POST["password"];

if ($username === "your\_username" && $password === "your\_password") {

echo "Login successful!";

} else {

echo "Invalid username or password.";

}

} else {

?>

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

<label for="username">Username:</label>

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

<label for="password">Password:</label>

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

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

</form>

<?php

}

?>

**To write a php program to manipulate arrays.**  
  
**To write a program for display our personal information using various tags.**

// filename index.html

<!DOCTYPE html>

<html>

<head>

<title>Personal Information</title>

</head>

<body>

<h1>Personal Information</h1>

<?php include 'personal\_info.php'; ?>

</body>

</html>  
  
// filename personal\_info.php

<?php

$name = "John Doe";

$age = 30;

$occupation = "Software Engineer";

$hobbies = "Reading, Hiking, Playing Guitar";

$email = "johndoe@example.com";

$phone = "123-456-7890";

$address = "123 Main Street, City, State, ZIP";

echo "<p><strong>Name:</strong> $name</p>";

echo "<p><strong>Age:</strong> $age</p>";

echo "<p><strong>Occupation:</strong> $occupation</p>";

echo "<p><strong>Hobbies:</strong> $hobbies</p>";

echo "<p><strong>Contact Information:</strong></p>";

echo "<ul>";

echo "<li><strong>Email:</strong> $email</li>";

echo "<li><strong>Phone:</strong> $phone</li>";

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

echo "</ul>";

?>

**To create a php program for login page with SQL connection.**

<?php

// Database connection details

$servername = "localhost";

$username = "your\_username";

$password = "your\_password";

$dbname = "your\_database";

// Create a connection to the database

$conn = new mysqli($servername, $username, $password, $dbname);

// Check if the connection was successful

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

// Check if the login form was submitted

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

// Get the username and password from the form

$username = $\_POST["username"];

$password = $\_POST["password"];

// Check if the username and password match a user in the database

$sql = "SELECT \* FROM users WHERE username='$username' AND password='$password'";

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

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

// Login successful

echo "Login successful!";

} else {

// Login failed

echo "Invalid username or password.";

}

}

// Close the database connection

$conn->close();

?>

**To write a program for display the date and time.**

<?php

$currentTime = date("Y-m-d H:i:s");

echo "Current date and time: " . $currentTime;

?>

**To write a program for displaying our curriculum vitae.**

<!DOCTYPE html>

<html>

<head>

<title>Curriculum Vitae</title>

</head>

<body>

<h1>Curriculum Vitae</h1>

<?php

$name = "Your Name";

$email = "your\_email@example.com";

$phone = "123-456-7890";

$linkedin = "https://www.linkedin.com/in/your-linkedin-profile";

$education = [

"degree" => "Bachelor of Science in Computer Science",

"university" => "University Name",

"graduationYear" => "2024"

];

$skills = [

"programmingLanguages" => "Python, Java, C++",

"frameworks" => "Django, Flask, React",

"databases" => "MySQL, PostgreSQL",

"tools" => "Git, GitHub, Visual Studio Code"

];

$experience = [

"position" => "Software Developer",

"company" => "Company Name",

"dates" => "2023 - Present",

"responsibilities" => [

"Developed web applications using Python and Django",

"Worked with MySQL databases",

"Collaborated with a team of developers"

]

];

$projects = [

"projectName" => "Project Name",

"technologies" => "Python, Django, MySQL",

"link" => "https://github.com/your-username/project-repo"

];

?>

<p><strong>Name:</strong> <?php echo $name; ?></p>

<p><strong>Email:</strong> <?php echo $email; ?></p>

<p><strong>Phone:</strong> <?php echo $phone; ?></p>

<p><strong>LinkedIn:</strong> <?php echo $linkedin; ?></p>

<h3>Education</h3>

<p><?php echo $education["degree"] . " from " . $education["university"] . " in " . $education["graduationYear"]; ?></p>

<h3>Skills</h3>

<p><?php echo implode(", ", $skills["programmingLanguages"]); ?></p>

<p><?php echo implode(", ", $skills["frameworks"]); ?></p>

<p><?php echo implode(", ", $skills["databases"]); ?></p>

<p><?php echo implode(", ", $skills["tools"]); ?></p>

<h3>Experience</h3>

<p><strong>Position:</strong> <?php echo $experience["position"]; ?></p>

<p><strong>Company:</strong> <?php echo $experience["company"]; ?></p>

<p><strong>Dates:</strong> <?php echo $experience["dates"]; ?></p>

<p><strong>Responsibilities:</strong></p>

<ul>

<?php foreach ($experience["responsibilities"] as $responsibility) { ?>

<li><?php echo $responsibility; ?></li>

<?php } ?>

</ul>

<h3>Projects</h3>

<p><strong>Project Name:</strong> <?php echo $projects["projectName"]; ?></p>

<p><strong>Technologies:</strong> <?php echo $projects["technologies"]; ?></p>

<p><strong>Link:</strong> <?php echo $projects["link"]; ?></p>

</body>

</html>