**16)Define static variable count in your program to**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Static Variable Example</title>

</head>

<body>

<h2>Static Variable Example</h2>

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

<label for="increment">Enter the number of times to increment:</label><br>

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

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

</form>

<?php

// Function to increment a static variable

function incrementStaticVariable($times) {

static $count = 0;

for ($i = 0; $i < $times; $i++) {

$count++;

}

echo "Count after incrementing $times times: $count <br>";

}

// Handle form submission

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

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

// Call the incrementStaticVariable function

incrementStaticVariable($increment);

}

?>

</body>

</html>

**Q.17) Write a program to create login page take username and password and save data in database.**

**Ans:**

<?php

// Database connection parameters

$servername = "localhost";

$username = "your\_username";

$password = "your\_password";

$database = "your\_database";

// Create connection

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

// Check connection

if ($conn->connect\_error) {

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

}

// Handle form submission

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

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

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

// Insert data into the database

$sql = "INSERT INTO users (username, password) VALUES ('$username', '$password')";

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

echo "New record created successfully";

} else {

echo "Error: " . $sql . "<br>" . $conn->error;

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Login Page</title>

</head>

<body>

<h2>Login Page</h2>

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

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

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

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

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

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

</form>

</body>

</html>

<?php

// Close the database connection

$conn->close();

?>

**Q.18) Write a program to create registration of student and save data in database.**

**Ans:**

<?php

// Database connection parameters

$servername = "localhost";

$username = "your\_username";

$password = "your\_password";

$database = "your\_database";

// Create connection

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

// Check connection

if ($conn->connect\_error) {

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

}

// Handle form submission

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

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

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

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

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

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

$languages = implode(", ", $\_POST["languages"]);

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

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

// Insert data into the database

$sql = "INSERT INTO students (name, address, contact, gender, course, languages, email, password)

VALUES ('$name', '$address', '$contact', '$gender', '$course', '$languages', '$email', '$password')";

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

echo "New record created successfully";

} else {

echo "Error: " . $sql . "<br>" . $conn->error;

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Student Registration</title>

</head>

<body>

<h2>Student Registration</h2>

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

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

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

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

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

<label for="contact">Contact:</label><br>

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

<label for="gender">Gender:</label><br>

<input type="radio" id="male" name="gender" value="Male" required>

<label for="male">Male</label>

<input type="radio" id="female" name="gender" value="Female">

<label for="female">Female</label><br><br>

<label for="course">Course:</label><br>

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

<label for="languages">Languages Known:</label><br>

<input type="checkbox" id="english" name="languages[]" value="English">

<label for="english">English</label>

<input type="checkbox" id="spanish" name="languages[]" value="Spanish">

<label for="spanish">Spanish</label>

<input type="checkbox" id="french" name="languages[]" value="French">

<label for="french">French</label><br><br>

<label for="email">Email:</label><br>

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

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

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

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

</form>

</body>

</html>

<?php

// Close the database connection

$conn->close();

?>

**19)Design web page contains username,password, Confirmpassword, Contact fields and apply all form validation.**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Registration Form</title>

<style>

.error {

color: red;

}

</style>

</head>

<body>

<h2>Registration Form</h2>

<form action="#" method="post" id="registrationForm" onsubmit="return validateForm()">

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

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

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

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

<label for="confirmPassword">Confirm Password:</label><br>

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

<label for="contact">Contact:</label><br>

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

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

</form>

<script>

function validateForm() {

var username = document.getElementById("username").value;

var password = document.getElementById("password").value;

var confirmPassword = document.getElementById("confirmPassword").value;

var contact = document.getElementById("contact").value;

var isValid = true;

// Username validation

if (username.length < 5) {

document.getElementById("username").classList.add("error");

isValid = false;

} else {

document.getElementById("username").classList.remove("error");

}

// Password validation

if (password.length < 8) {

document.getElementById("password").classList.add("error");

isValid = false;

} else {

document.getElementById("password").classList.remove("error");

}

// Confirm password validation

if (password !== confirmPassword) {

document.getElementById("confirmPassword").classList.add("error");

isValid = false;

} else {

document.getElementById("confirmPassword").classList.remove("error");

}

// Contact validation (numeric and length)

if (!(/^\d+$/.test(contact)) || contact.length !== 10) {

document.getElementById("contact").classList.add("error");

isValid = false;

} else {

document.getElementById("contact").classList.remove("error");

}

return isValid;

}

</script>

</body>

</html>

**20)Implement mouse over and mouse out event.**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Mouse Events</title>

<style>

.box {

width: 100px;

height: 100px;

background-color: red;

margin: 20px;

}

</style>

</head>

<body>

<h2>Mouse Events</h2>

<div class="box" id="box">Hover over me</div>

<script>

// Get the box element

var box = document.getElementById("box");

// Mouse over event listener

box.addEventListener("mouseover", function() {

this.style.backgroundColor = "blue";

this.textContent = "Mouse over";

});

// Mouse out event listener

box.addEventListener("mouseout", function() {

this.style.backgroundColor = "red";

this.textContent = "Hover over me";

});

</script>

</body>

</html>

**21)Implement mouse click event and display table of number taken from user.(Draw DOM tree)**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Mouse Click Event</title>

</head>

<body>

<h2>Mouse Click Event</h2>

<button id="generateTableBtn">Generate Table</button>

<div id="tableContainer"></div>

<script>

// Function to generate table

function generateTable(numbers) {

var table = "<table border='1'><tr><th>Number</th></tr>";

for (var i = 0; i < numbers.length; i++) {

table += "<tr><td>" + numbers[i] + "</td></tr>";

}

table += "</table>";

return table;

}

// Function to handle click event

function handleClick() {

var userInput = prompt("Enter numbers separated by commas:");

var numbers = userInput.split(",").map(Number);

var table = generateTable(numbers);

document.getElementById("tableContainer").innerHTML = table;

}

// Add event listener for button click

document.getElementById("generateTableBtn").addEventListener("click", handleClick);

</script>

</body>

</html>

DOM Tree:

- HTML

- HEAD

- META

- TITLE

- BODY

- H2

- BUTTON (id="generateTableBtn")

- DIV (id="tableContainer")

- SCRIPT

22)Find out following pattern in a string.

a) only digits

b) only spaces

c) only characters

d) special symbol

e) range a to h.

Ans:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>String Pattern Matching</title>

<script>

function findPatterns() {

// Get the input string from the form

var str = document.getElementById("inputString").value;

// Pattern matching

var digitsPattern = /\d+/g; // Only digits

var spacesPattern = /\s+/g; // Only spaces

var charactersPattern = /[a-zA-Z]+/g; // Only characters

var specialPattern = /[^a-zA-Z0-9\s]+/g; // Special symbols

var rangePattern = /[a-h]/g; // Range from 'a' to 'h'

// Results

var digits = str.match(digitsPattern);

var spaces = str.match(spacesPattern);

var characters = str.match(charactersPattern);

var special = str.match(specialPattern);

var range = str.match(rangePattern);

// Display results

document.getElementById("digitsResult").textContent = digits ? digits.join(', ') : "No digits found";

document.getElementById("spacesResult").textContent = spaces ? spaces.join(', ') : "No spaces found";

document.getElementById("charactersResult").textContent = characters ? characters.join(', ') : "No characters found";

document.getElementById("specialResult").textContent = special ? special.join(', ') : "No special symbols found";

document.getElementById("rangeResult").textContent = range ? range.join(', ') : "No range from 'a' to 'h' found";

return false; // Prevent form submission

}

</script>

</head>

<body>

<h2>String Pattern Matching</h2>

<form onsubmit="return findPatterns()">

<label for="inputString">Enter a string:</label><br>

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

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

</form>

<h3>Results:</h3>

<p>Digits: <span id="digitsResult"></span></p>

<p>Spaces: <span id="spacesResult"></span></p>

<p>Characters: <span id="charactersResult"></span></p>

<p>Special symbols: <span id="specialResult"></span></p>

<p>Range from 'a' to 'h': <span id="rangeResult"></span></p>

</body>

</html>

23)Implement different ways of displaying output on screen using java script.

Ans:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Display Output</title>

</head>

<body>

<h2>Display Output</h2>

<script>

// Using alert()

alert("This is an alert message!");

// Using console.log() for debugging/logging

console.log("This message is logged to the console.");

// Using document.write() to write directly to the document

document.write("This message is written directly to the document.<br>");

// Using innerHTML to update the content of an element

document.getElementById("output").innerHTML = "This message is written to the output div.<br>";

// Using textContent to set the text content of an element

document.getElementById("output").textContent += "This message is displayed in the paragraph.";

</script>

<!-- Output container -->

<div id="output"></div>

</body>

</html>

**24)Design web page that can take data for registration of vehicle from user and display data into another page using post method.**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Vehicle Registration</title>

</head>

<body>

<h2>Vehicle Registration</h2>

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

<label for="ownerName">Owner's Name:</label><br>

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

<label for="vehicleType">Vehicle Type:</label><br>

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

<label for="vehicleNumber">Vehicle Number:</label><br>

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

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

</form>

</body>

</html>

Display.php:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Vehicle Registration Details</title>

</head>

<body>

<h2>Vehicle Registration Details</h2>

<?php

// Retrieve data from POST request

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

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

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

// Display the retrieved data

echo "<p><strong>Owner's Name:</strong> $ownerName</p>";

echo "<p><strong>Vehicle Type:</strong> $vehicleType</p>";

echo "<p><strong>Vehicle Number:</strong> $vehicleNumber</p>";

?>

</body>

</html>

**25) Design web page that can take data for registration of vehicle from user and display data into another page using get method.**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Vehicle Registration</title>

</head>

<body>

<h2>Vehicle Registration</h2>

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

<label for="ownerName">Owner's Name:</label><br>

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

<label for="vehicleType">Vehicle Type:</label><br>

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

<label for="vehicleNumber">Vehicle Number:</label><br>

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

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

</form>

</body>

</html>

Display.php:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Vehicle Registration Details</title>

</head>

<body>

<h2>Vehicle Registration Details</h2>

<?php

// Retrieve data from GET request

$ownerName = $\_GET["ownerName"];

$vehicleType = $\_GET["vehicleType"];

$vehicleNumber = $\_GET["vehicleNumber"];

// Display the retrieved data

echo "<p><strong>Owner's Name:</strong> $ownerName</p>";

echo "<p><strong>Vehicle Type:</strong> $vehicleType</p>";

echo "<p><strong>Vehicle Number:</strong> $vehicleNumber</p>";

?>

</body>

</html>

**26)Design web page that show list of grocery items, food items in 2 different ways.**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Grocery and Food Items</title>

</head>

<body>

<h2>Grocery Items</h2>

<ul>

<li>Milk</li>

<li>Eggs</li>

<li>Bread</li>

<li>Cheese</li>

<li>Butter</li>

</ul>

<h2>Food Items</h2>

<ol>

<li>Apple</li>

<li>Orange</li>

<li>Banana</li>

<li>Chicken</li>

<li>Rice</li>

</ol>

</body>

</html>

**27)Write a program to find perfect number using user defined function in php.**

**Ans:**

<?php

// Function to check if a number is perfect

function isPerfectNumber($number) {

$sum = 0;

for ($i = 1; $i <= $number / 2; $i++) {

if ($number % $i == 0) {

$sum += $i;

}

}

return $sum == $number;

}

// Check if a number is perfect

$number = 28; // Change this number to test different numbers

if (isPerfectNumber($number)) {

echo "$number is a perfect number.";

} else {

echo "$number is not a perfect number.";

}

?>

**28)Write a program to show scope of variables.**

**Ans:**

<?php

// Global variable

$globalVar = "I am global.";

function testScope() {

// Local variable

$localVar = "I am local.";

echo "Inside function: " . $localVar . "<br>";

global $globalVar;

echo "Inside function: " . $globalVar . "<br>";

}

// Accessing global variable outside function

echo "Outside function: " . $globalVar . "<br>";

// Attempting to access local variable outside function (will result in an error)

// echo "Outside function: " . $localVar . "<br>";

testScope();

?>

**29)write a program to take number from user and find it is prime or not using JavaScript.**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Prime Number Checker</title>

</head>

<body>

<h2>Prime Number Checker</h2>

<label for="number">Enter a number:</label>

<input type="number" id="numberInput">

<button onclick="checkPrime()">Check Prime</button>

<p id="result"></p>

<script>

function checkPrime() {

// Get the input number

var number = parseInt(document.getElementById("numberInput").value);

// Check if the number is less than 2

if (number < 2) {

document.getElementById("result").textContent = "Please enter a number greater than 1.";

return;

}

// Check if the number is prime

var isPrime = true;

for (var i = 2; i <= Math.sqrt(number); i++) {

if (number % i === 0) {

isPrime = false;

break;

}

}

// Display the result

if (isPrime) {

document.getElementById("result").textContent = number + " is a prime number.";

} else {

document.getElementById("result").textContent = number + " is not a prime number.";

}

}

</script>

</body>

</html>

**30)Design web page to display 1-month calendars using table tag.**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>1-Month Calendar</title>

<style>

table {

width: 100%;

border-collapse: collapse;

}

th, td {

padding: 10px;

text-align: center;

border: 1px solid #ddd;

}

th {

background-color: #f2f2f2;

}

</style>

</head>

<body>

<h2>1-Month Calendar</h2>

<table>

<tr>

<th>Sun</th>

<th>Mon</th>

<th>Tue</th>

<th>Wed</th>

<th>Thu</th>

<th>Fri</th>

<th>Sat</th>

</tr>

<tr>

<td></td>

<td></td>

<td>1</td>

<td>2</td>

<td>3</td>

<td>4</td>

<td>5</td>

</tr>

<tr>

<td>6</td>

<td>7</td>

<td>8</td>

<td>9</td>

<td>10</td>

<td>11</td>

<td>12</td>

</tr>

<tr>

<td>13</td>

<td>14</td>

<td>15</td>

<td>16</td>

<td>17</td>

<td>18</td>

<td>19</td>

</tr>

<tr>

<td>20</td>

<td>21</td>

<td>22</td>

<td>23</td>

<td>24</td>

<td>25</td>

<td>26</td>

</tr>

<tr>

<td>27</td>

<td>28</td>

<td>29</td>

<td>30</td>

<td>31</td>

<td></td>

<td></td>

</tr>

</table>

</body>

</html>

**31) Open file sample.txt in read mode and open another file data.tt in write mode. Copy the data from one file into another file and display the contents of same file in the browser.**

**Ans:**

<?php

// Open sample.txt in read mode

$sourceFile = fopen("sample.txt", "r");

// Open data.txt in write mode

$destinationFile = fopen("data.txt", "w");

// Copy data from source file to destination file

while (!feof($sourceFile)) {

fwrite($destinationFile, fgets($sourceFile));

}

// Close both files

fclose($sourceFile);

fclose($destinationFile);

// Display the contents of data.txt in the browser

echo "<h2>Contents of data.txt</h2>";

echo "<pre>";

echo file\_get\_contents("data.txt");

echo "</pre>";

?>

**32) Define static variable count in your program to count frequency of calling a function call. Also define global and local variables in function and perform some basic arithmetic operations.**

**Ans:**

<?php

// Define a function to perform arithmetic operations

function performOperations($a, $b) {

// Static variable to count the number of times the function is called

static $count = 0;

$count++;

// Global variable

global $globalVar;

$globalVar = 10;

// Local variable

$localVar = 5;

// Arithmetic operations

$sum = $a + $b;

$difference = $a - $b;

$product = $a \* $b;

$quotient = $a / $b;

// Display results

echo "Arithmetic Operations:<br>";

echo "Sum: $sum<br>";

echo "Difference: $difference<br>";

echo "Product: $product<br>";

echo "Quotient: $quotient<br>";

// Display variables

echo "Global Variable: $globalVar<br>";

echo "Local Variable: $localVar<br>";

// Display function call count

echo "Function call count: $count<br>";

}

// Call the function with some values

performOperations(10, 5);

performOperations(20, 3);

?>

**33)Write a program in php fore reading and writing characters in file.**

**Ans:**

<?php

// File paths

$inputFile = "input.txt";

$outputFile = "output.txt";

// Open input file in read mode

$inputHandle = fopen($inputFile, "r");

// Open output file in write mode (create if not exists)

$outputHandle = fopen($outputFile, "w");

// Check if both files are opened successfully

if ($inputHandle && $outputHandle) {

// Read characters from input file and write to output file

while (!feof($inputHandle)) {

$char = fgetc($inputHandle); // Read one character from input file

fwrite($outputHandle, $char); // Write the character to output file

}

// Close both files

fclose($inputHandle);

fclose($outputHandle);

echo "Characters copied successfully from $inputFile to $outputFile.";

} else {

echo "Error opening files.";

}

?>

**34) Write a program in php for rename, delete and reading characters in file from file.**

**Ans:**

<?php

// File paths

$fileName = "example.txt";

$newFileName = "renamed.txt";

// Create a file with some content

$fileHandle = fopen($fileName, "w");

fwrite($fileHandle, "This is some text in the file.\n");

fclose($fileHandle);

// Rename the file

if (rename($fileName, $newFileName)) {

echo "File renamed successfully to $newFileName.<br>";

} else {

echo "Error renaming the file.<br>";

}

// Delete the file

if (unlink($newFileName)) {

echo "File $newFileName deleted successfully.<br>";

} else {

echo "Error deleting the file.<br>";

}

// Read characters from the file

$fileHandle = fopen($newFileName, "r");

if ($fileHandle) {

echo "Characters read from $newFileName:<br>";

while (!feof($fileHandle)) {

echo fgetc($fileHandle);

}

fclose($fileHandle);

} else {

echo "Error opening the file for reading.<br>";

}

?>

**35) Write a program in php to perform different regular expression operations.**

**Ans:**

<?php

// Test string

$string = "The quick brown fox jumps over the lazy dog.";

// Regular expression patterns

$patterns = array(

"/brown/i", // Case-insensitive match for "brown"

"/\bfox\b/i", // Case-insensitive match for "fox" as a whole word

"/\d+/", // Match one or more digits

"/\b\w{3}\b/i", // Case-insensitive match for three-letter words

"/lazy|dog/i", // Case-insensitive match for "lazy" or "dog"

"/(quick)\s(brown)/i", // Match "quick brown" as a group

"/\b[A-Z]\w\*\b/" // Match words starting with an uppercase letter

);

// Perform regular expression operations

foreach ($patterns as $pattern) {

echo "Pattern: $pattern<br>";

if (preg\_match($pattern, $string, $matches)) {

echo "Match found: " . $matches[0] . "<br>";

} else {

echo "No match found.<br>";

}

echo "<br>";

}

?>

**36) Implement mouse up and mouse down event in php and Draw DOM tree for the same.**

**Ans:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Mouse Events</title>

<script>

function handleMouseDown() {

document.getElementById("status").innerHTML = "Mouse Down";

}

function handleMouseUp() {

document.getElementById("status").innerHTML = "Mouse Up";

}

</script>

</head>

<body>

<h2>Mouse Events</h2>

<div id="status">Mouse Status</div>

<button onmousedown="handleMouseDown()" onmouseup="handleMouseUp()">Click Me</button>

</body>

</html>

**37) Write a program in php to read entire contents from file using fread and gets function.**

**Ans:**

<?php

// File path

$fileName = "sample.txt";

// Open the file in read mode

$fileHandle = fopen($fileName, "r");

// Method 1: Using fread() function

echo "Using fread() function:<br>";

if ($fileHandle) {

$content = fread($fileHandle, filesize($fileName)); // Read entire file

echo $content;

fclose($fileHandle);

} else {

echo "Error opening the file.";

}

echo "<br><br>";

// Method 2: Using file\_get\_contents() function

echo "Using file\_get\_contents() function:<br>";

$content = file\_get\_contents($fileName); // Read entire file

echo $content;

?>

**38) Write a javascript code to check whether given year is leap year or not. Take year as input form user and display the result on onclick event of the mouse. Draw DOM tree on your program.**

**Ans:**

<!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>

<h2>Leap Year Checker</h2>

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

<input type="text" id="yearInput">

<button onclick="checkLeapYear()">Check Leap Year</button>

<p id="result"></p>

<script>

function checkLeapYear() {

var year = parseInt(document.getElementById("yearInput").value);

var isLeapYear = (year % 4 === 0 && year % 100 !== 0) || (year % 400 === 0);

var result = document.getElementById("result");

if (isLeapYear) {

result.innerHTML = year + " is a leap year.";

} else {

result.innerHTML = year + " is not a leap year.";

}

}

</script>

</body>

</html>