1. Prepare an HTML document to insert JavaScript script in 3 different ways.

Here's an HTML document demonstrating how to insert JavaScript in three different ways:

i. **Inline**: JavaScript code directly within an HTML tag.
ii. **Internal**: JavaScript code within a `<script>` tag inside the HTML document.
iii. **External**: JavaScript code stored in a separate `.js` file and linked to the HTML document.

Source Code :

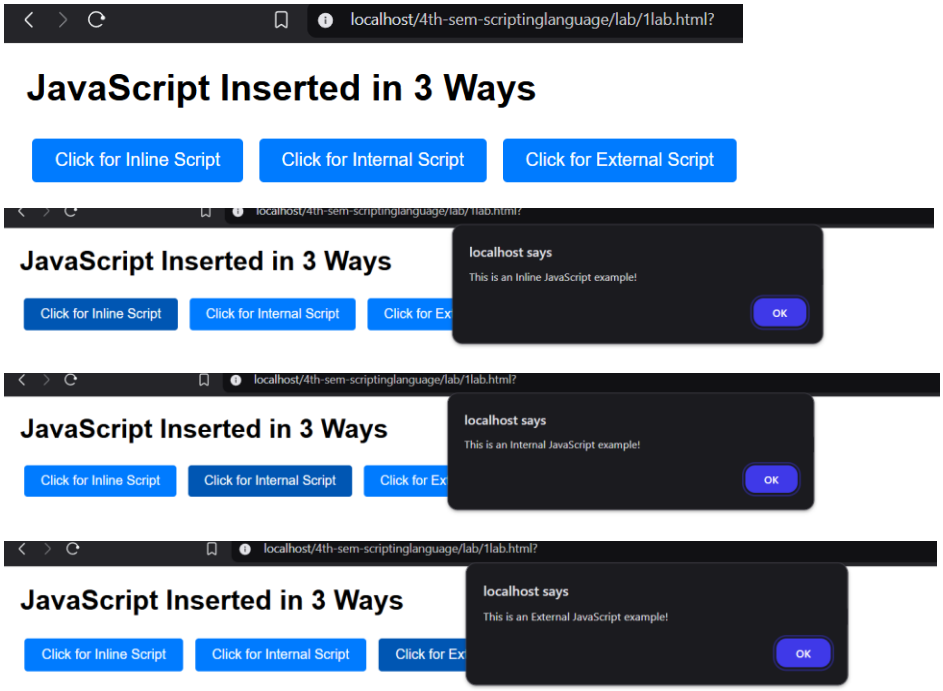
```
<!DOCTYPE html>

<html>

<head>

  <title>JavaScript in 3 Ways</title>

  <!-- Internal JavaScript -->

  <script>

    function showInternalMessage() {

      alert("This is an Internal JavaScript example!");    }

  </script>

  <style>

    body {

      font-family: Arial, sans-serif;

      margin: 20px;

    }

    button {

      margin: 5px;

      padding: 10px 20px;

      font-size: 16px;

      color: white;
```

```
            background-color: #007BFF;
            border: none;
            border-radius: 4px;
            cursor: pointer;
        }
        button:hover {
            background-color: #0056b3;
        }
    </style>
</head>
<body>
    <h1>JavaScript Inserted in 3 Ways</h1>
    <!-- Inline JavaScript -->
    <button onclick="alert('This is an Inline JavaScript example!')">Click for Inline Script</button>
    <!-- Call Internal JavaScript -->
    <button onclick="showInternalMessage()">Click for Internal Script</button>
    <!-- External JavaScript -->
    <button onclick="showExternalMessage()">Click for External Script</button>
    <!-- Linking External JavaScript -->
    <script src="script.js"></script>
</body>
</html>
```

script.js

```
function showExternalMessage() {
      alert("This is an External JavaScript example!");
  }
```

OUTPUT :



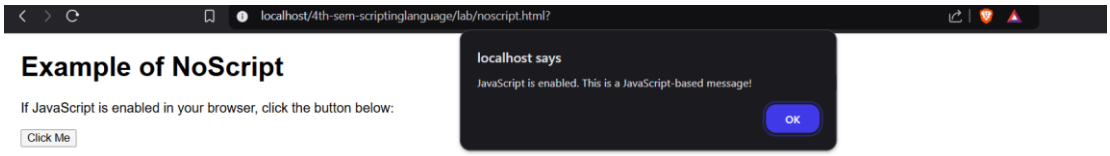
2. Show an example of the use of NoScript.

Source Code :

```
<!DOCTYPE html>
<html>
<head>
  <title>NoScript Example</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 20px;
    }
    .noscript-message {
      color: red;
      font-weight: bold;
      text-align: center;
    }
  </style>    <script>
    function showMessage() {
```

```
        alert("JavaScript is enabled. This is a JavaScript-based message!");
      }
    </script>
</head>
<body>
    <h1>Example of NoScript</h1>
    <p>If JavaScript is enabled in your browser, click the button below:</p>
    <button onclick="showMessage()">Click Me</button>    <noscript>
      <div class="noscript-message">
        <p>It seems that JavaScript is disabled in your browser.</p>
        <p>Please enable JavaScript to fully experience this page.</p>
      </div>
    </noscript>    </body>       </html>
```

OUTPUT :



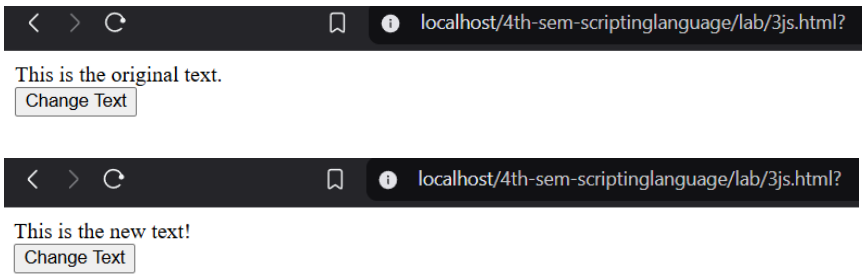
3. Write a program to read an element DIV in an HTML document using querySelector() method and change its text content.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Change DIV Text</title>
</head>
<body>
  <div id="myDiv">This is the original text.</div>
  <button id="changeTextButton">Change Text</button>
  <script>
```

```
  const myDiv = document.querySelector("#myDiv");
  const changeTextButton = document.querySelector("#changeTextButton");
  changeTextButton.addEventListener("click", () => {
    myDiv.textContent = "This is the new text!";
  });
 </script>
</body>
</html>
```

OUTPUT :



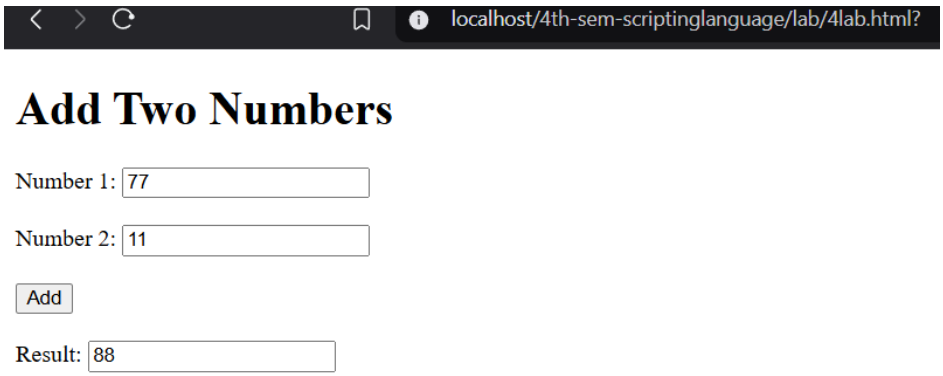
4. Write a function to add two numbers and display the result in a text box.

Source Code :

```
<!DOCTYPE html>
<html>
<head>
  <title>Add Two Numbers</title>
  <script>
    function addNumbers() {
      let num1 = parseFloat(document.getElementById('number1').value);
      let num2 = parseFloat(document.getElementById('number2').value);
      if (isNaN(num1) || isNaN(num2)) {
        alert('Please enter valid numbers.');
        return;
      }
      let sum = num1 + num2;
      document.getElementById('result').value = sum;
    }
```

```
    </script>
</head>
<body>
    <h1>Add Two Numbers</h1>
    <label for="number1">Number 1:</label>
    <input type="text" id="number1" placeholder="Enter first number">
    <br><br>
    <label for="number2">Number 2:</label>
    <input type="text" id="number2" placeholder="Enter second number">
    <br><br>
    <button onclick="addNumbers()">Add</button>
    <br><br>
    <label for="result">Result:</label>
    <input type="text" id="result" readonly>
</body>
</html>
```

OUTPUT :



5. Write a function to validate a form with the fields; student name, email and address.

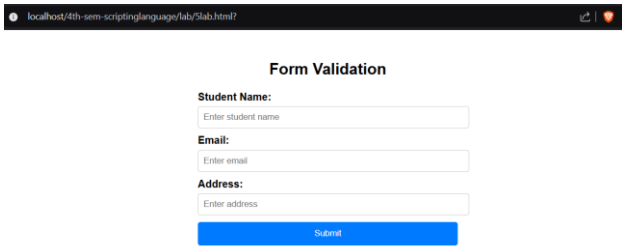
Source Code :

```
<!DOCTYPE html>
<html>
<head>
  <title>Form Validation</title>
  <style>       body {
        font-family: Arial, sans-serif;
        max-width: 400px;
        margin: 20px auto;
        padding: 10px;
    }
    h1 {
        text-align: center;
        font-size: 1.5em;
        margin-bottom: 20px;
    }
    label {
        display: block;
        margin-bottom: 5px;
        font-weight: bold;
    }
    input[type="text"] {
        width: 100%;
        padding: 8px;
        margin-bottom: 10px;
        border: 1px solid #ccc;
        border-radius: 4px;
    }
    button {
        width: 100%;
        padding: 10px;
        background-color: #007BFF;
```

```
        color: white;
        border: none;
        border-radius: 4px;
        cursor: pointer;
    }
    button:hover {
        background-color: #0056b3;
    }
</style>
<script>      function validateForm() {
        let name = document.getElementById('studentName').value.trim();
        let email = document.getElementById('email').value.trim();
        let address = document.getElementById('address').value.trim();
        if (name === '') {
            alert('Please enter the student name.');
            return false;
        }
        if (email === '') {
            alert('Please enter the email address.');
            return false;
        }
        let emailPattern = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
        if (!emailPattern.test(email)) {
            alert('Please enter a valid email address.');
            return false;
        }
        if (address === '') {
            alert('Please enter the address.');
            return false;
        }
        alert('Form submitted successfully!');
        return true;        }
</script>
```

```
</head>
<body>
  <h1>Form Validation</h1>
  <form onsubmit="return validateForm();">
    <label for="studentName">Student Name:</label>
    <input type="text" id="studentName" placeholder="Enter student name">
    <label for="email">Email:</label>
    <input type="text" id="email" placeholder="Enter email">
    <label for="address">Address:</label>
    <input type="text" id="address" placeholder="Enter address">
    <button type="submit">Submit</button>
  </form>    </body>    </html>
```

OUTPUT :



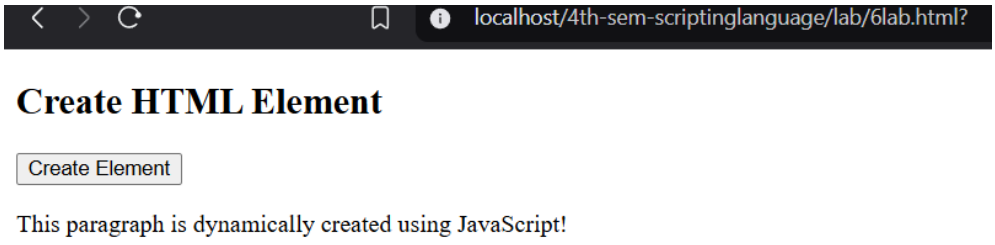
6. Write a function that creates an HTML element and invoke that function upon clicking on a button.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Create HTML Element</title>
</head>
<body>
  <h2>Create HTML Element</h2>
  <button id="createBtn">Create Element</button>
  <script>
    document.getElementById('createBtn').addEventListener('click', function () {
      var paragraph = document.createElement('p');
```

```
        paragraph.textContent = 'This paragraph is dynamically created using JavaScript!';
        document.body.appendChild(paragraph);
      });
  </script>
</body>
</html>
```

OUTPUT :

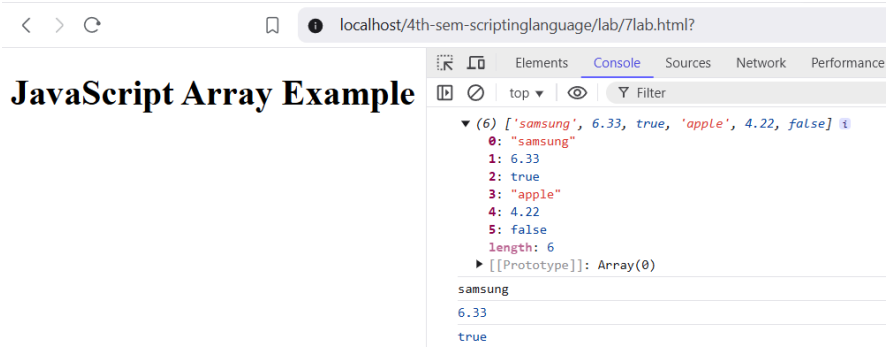


7. Prepare an array as a collection of mixed types of data i.e. string, number, boolean.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>JavaScript Array Example</title> </head>
<body>
  <h1>JavaScript Array Example</h1>
  <script>
    var mixedArray = ["samsung", 6.33, true, "apple", 4.22, false];
    console.log(mixedArray);
    console.log(mixedArray[0]);
    console.log(mixedArray[1]);
    console.log(mixedArray[2]);
  </script>
</body>
</html>
```

OUTPUT :

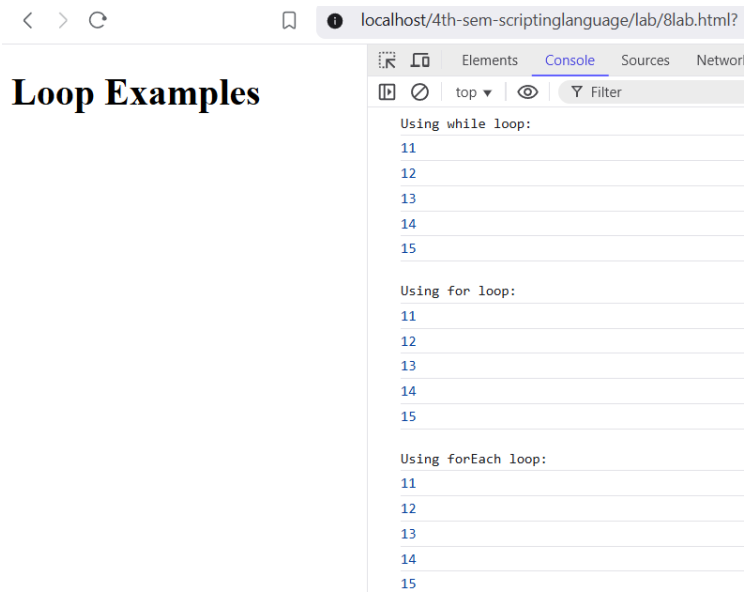


8. Write a program to show a loop using while, for and forEach.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>Loop Examples</title> </head>
<body>
  <h1>Loop Examples</h1>
  <script>    const numbers = [11, 12, 13, 14, 15];
    console.log("Using while loop:");
    let i = 0;
    while (i < numbers.length) {
      console.log(numbers[i]);
      i++; }
    console.log("\nUsing for loop:");
    for (let j = 0; j < numbers.length; j++) {
      console.log(numbers[j]);  }
    console.log("\nUsing forEach loop:");
    numbers.forEach(function(number) {
      console.log(number);
    });
  </script>
 </body>
</html>
```

OUTPUT :



9. Write a program to log array element values in the console.

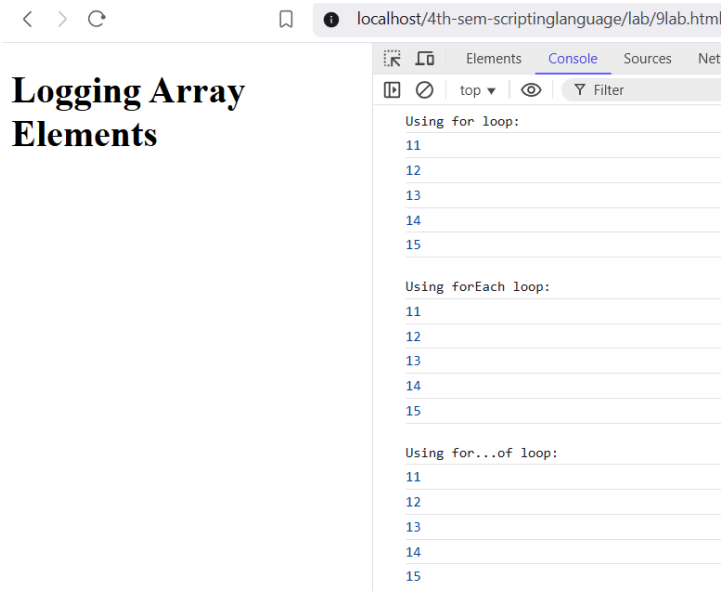
Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>Logging Array Elements</title> </head>
<body>
  <h1>Logging Array Elements</h1>
  <script>
    const array = [11, 12, 13, 14, 15];
    console.log("Using for loop:");
    for (let i = 0; i < array.length; i++) {
      console.log(array[i]);  }
       console.log("\nUsing forEach loop:");
    array.forEach(function(element) {
      console.log(element);
    });
    console.log("\nUsing for...of loop:");
    for (const element of array) {
      console.log(element);   }
  </script>
```

</body>

</html>

OUTPUT :



10. Prepare an object of an employee with properties;

Source Code :

```
<!DOCTYPE html>

<html lang="en">

<head>  <title>Employee Details</title>  </head>

<body>

   <h1>Employee Details</h1>

   <script>

      var employee = {

         firstName: "Amy",

         lastName: "Martin",

         age: 28,

         department: "Doctor",

         position: "Doctor",

         salary: 100000,

         isFullTime: true,
```

```
        startDate: "2022-04-01",
        endDate: null,
      };
      console.log(employee);
  </script>
</body>
</html>
```

OUTPUT :

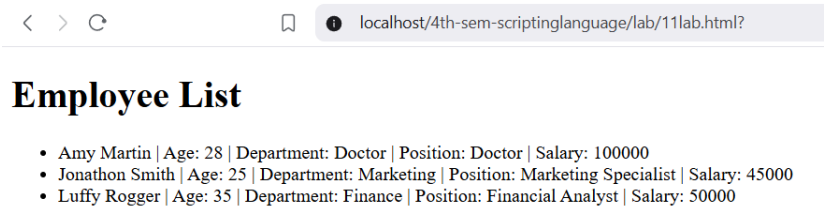
11. Prepare an array of objects and print the values in an HTML element ul/li.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>Employee List</title> </head>
<body>
  <h1>Employee List</h1>
  <ul id="employeeList"> </ul>
  <script>
    var employees = [{
        firstName: "Amy",
        lastName: "Martin",
        age: 28,
        department: "Doctor",
        position: "Doctor",
        salary: 100000
```

```
        },
        {
            firstName: "Jonathon",
            lastName: "Smith",
            age: 25,
            department: "Marketing",
            position: "Marketing Specialist",
            salary: 45000
        },
        {
            firstName: "Luffy",
            lastName: "Rogger",
            age: 35,
            department: "Finance",
            position: "Financial Analyst",
            salary: 50000
        }
    ];
    function displayEmployeeList() {
        const employeeListUl = document.getElementById("employeeList");
        employees.forEach(function(employee) {
            const li = document.createElement("li");
            li.textContent = `${employee.firstName} ${employee.lastName} | Age:     ${employee.age} |
Department: ${employee.department} | Position: ${employee.position} | Salary:
${employee.salary}`;
            employeeListUl.appendChild(li);
        });
    }
    displayEmployeeList();
  </script>
 </body>
</html>
```

OUTPUT :

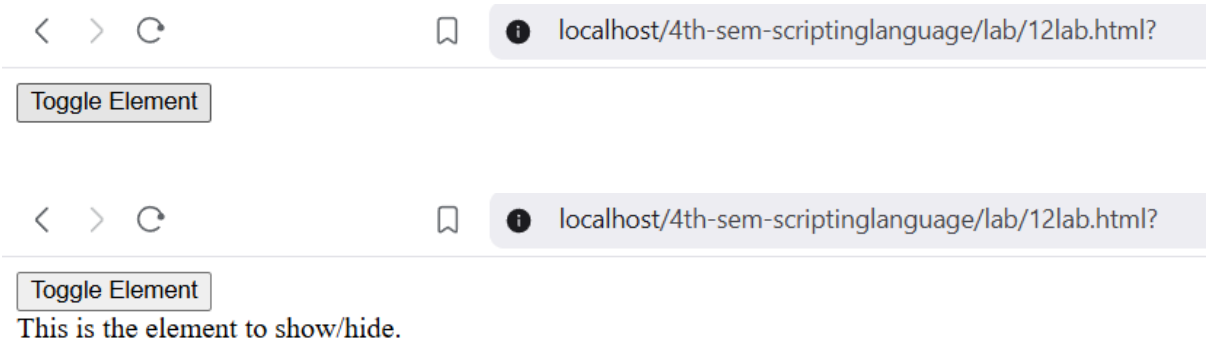


12. Write a program using jQuery to show and hide an element.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>Show/Hide Example</title>
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
<style>
   .hidden { display: none;  }
</style>
</head>
<body>
<button id="toggleButton">Toggle Element</button>
<div id="elementToToggle" class="hidden">
   This is the element to show/hide.
</div>
<script>
$(document).ready(function(){
   $("#toggleButton").click(function(){
      // Toggle the visibility of the element
      $("#elementToToggle").toggle();
   });   });
</script>
</body>     </html>
```

OUTPUT :

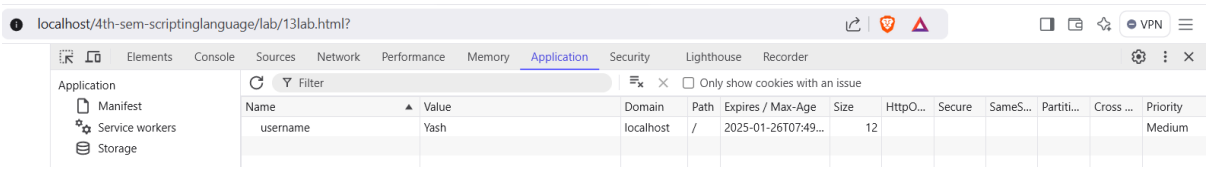


13. Write a program to write a cookie.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>Write Cookie Example</title> </head>
<body>  <script>
   function setCookie(name, value, days) {
      var expires = "";
       if (days) {
         var date = new Date();
         date.setTime(date.getTime() + (days * 24 * 60 * 60 * 1000));
         expires = "; expires=" + date.toUTCString(); }
      document.cookie = name + "=" + value + expires + "; path=/";   }
   setCookie("username", "Yash", 7);
</script>
</body>
 </html>
```

OUTPUT :



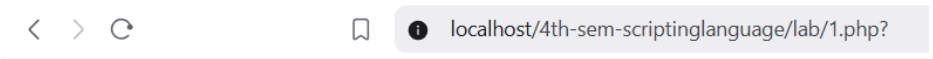
PHP

1. Write a program to write HTML using/inside PHP.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>PHP HTML Example</title> </head>
<body> <h1> PHP HTML Example</h1>
   <?php
   $name = "Swosti";
   $age = 20;
   $city = "Bhaktapur";
   echo "<p>Name: $name</p>";
   echo "<p>Age: $age</p>";
   echo "<p>City: $city</p>";
   ?>
   <p>This is HTML outside of PHP.</p>
</body>
</html>
```

OUTPUT :



PHP HTML Example

Name: Swosti

Age: 20

City: Bhaktapur

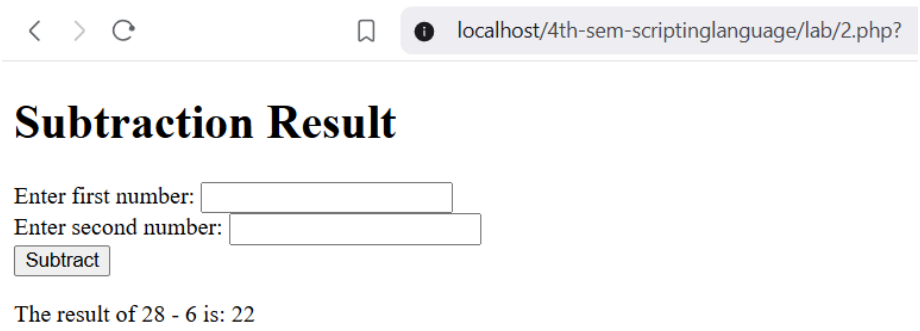
This is HTML outside of PHP.

2. Write a program to subtract two numbers and display the result in an HTML text box.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head>  <title>Subtraction Result</title> </head>
<body>
   <h1>Subtraction Result</h1>
   <form method="post">
      <label for="num1">Enter first number:</label>
      <input type="number" id="num1" name="num1" required> <br>
      <label for="num2">Enter second number:</label>
      <input type="number" id="num2" name="num2" required> <br>
      <input type="submit" value="Subtract">
   </form>
   <?php
   if ($_SERVER["REQUEST_METHOD"] == "POST") {
      $num1 = $_POST["num1"];
      $num2 = $_POST["num2"];
      $result = $num1 - $num2;
      echo "<p>The result of $num1 - $num2 is: $result</p>"; }
  ?>
</body>
</html>
```

OUTPUT :

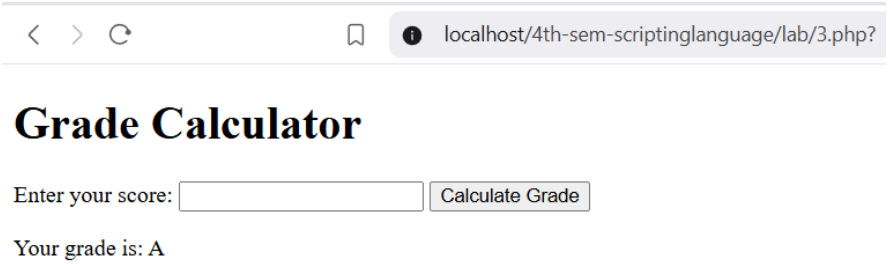


3. Write a program using if..elseif...else.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>Grade Calculator</title> </head>
<body>
   <h1>Grade Calculator</h1>
   <form method="post">
      <label for="score">Enter your score:</label>
      <input type="number" id="score" name="score" required>
      <input type="submit" value="Calculate Grade">
   </form>
   <?php
   if ($_SERVER["REQUEST_METHOD"] == "POST") {
      $score = $_POST["score"];
      if ($score >= 90) {
         $grade = 'A';
      } elseif ($score >= 80) {
         $grade = 'B';
      } elseif ($score >= 70) {
         $grade = 'C';
      } elseif ($score >= 60) {
         $grade = 'D';
      } else {
         $grade = 'F';
      }
  echo "<p>Your grade is: $grade</p>";
   }
   ?>
</body>
</html>
```

OUTPUT :



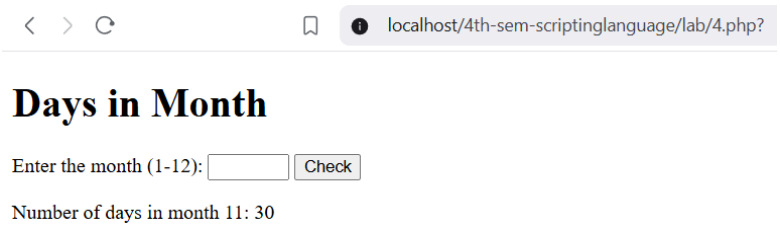
4. Write a program using switch statements.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>Days in Month</title> </head>
<body>
  <h1>Days in Month</h1>
  <form method="post">
    <label for="month">Enter the month (1-12):</label>
    <input type="number" id="month" name="month" min="1" max="12" required>
    <input type="submit" value="Check">
  </form>
  <?php
  if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $month = $_POST["month"];
    switch ($month) {
      case 1:
      case 3:
      case 5:
      case 7:
      case 8:
      case 10:
      case 12:  $days = 31;
      break;
      case 4:
```

```
        case 6:
        case 9:
        case 11:  $days = 30;
            break;
        case 2:
            $year = date("Y");
            if ((($year % 4 == 0) && ($year % 100 != 0)) || ($year % 400 == 0)) {
                $days = 29;
            } else { $days = 28; }
            break;
        default:
            $days = "Invalid month";
    } echo "<p>Number of days in month $month: $days</p>";  }
?>    </body>    </html>
```

OUTPUT :



5. Prepare a collection of student records in an associative array with first name, last name,email and date of birth and print in HTML table using foreach.

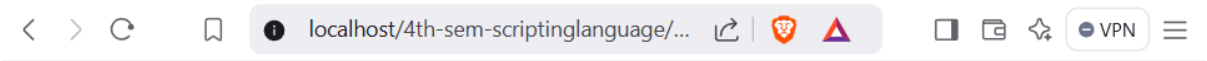
Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>Student Records</title>
    <style>
        table {
            border-collapse: collapse;
            width: 100%;  }
        th, td {
```

```
            border: 1px solid black;
            padding: 8px;
            text-align: left; }
        th { background-color: #f2f2f2; }
    </style>
</head>
<body>
    <h1>Student Records</h1>
    <?php
    $students = array(
        array(
            "first_name" => "Anshu",
            "last_name" => "Thapa",
            "email" => "anshu@gmail.com",
            "date_of_birth" => "2003-05-15"
        ),
        array(
            "first_name" => "Rubina",
            "last_name" => "Magar",
            "email" => "rubi@gmail.com",
            "date_of_birth" => "2004-05-15"
        ),
        array(
            "first_name" => "Binu",
            "last_name" => "Shrestha",
            "email" => "binu@gmail.com",
            "date_of_birth" => "2005-03-08"
        )
    );
    ?>
    <table>
```

```
        <tr>
            <th>First Name</th>
            <th>Last Name</th>
            <th>Email</th>
            <th>Date of Birth</th>
        </tr>
        <?php
        foreach ($students as $student) {
            echo "<tr>";
            echo "<td>" . $student["first_name"] . "</td>";
            echo "<td>" . $student["last_name"] . "</td>";
            echo "<td>" . $student["email"] . "</td>";
            echo "<td>" . $student["date_of_birth"] . "</td>";
            echo "</tr>";
        }
        ?>
    </table>
</body>
</html>
```

OUTPUT :



Student Records

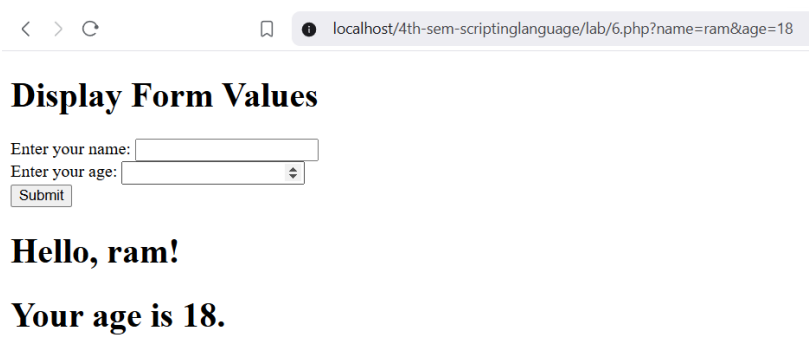
First Name	Last Name	Email	Date of Birth
Anshu	Thapa	anshu@gmail.com	2003-05-15
Rubina	Magar	rubi@gmail.com	2004-05-15
Binu	Shrestha	binu@gmail.com	2005-03-08

6. Write a program to GET (HTTP method) HTML form values and display them in HTML h1 tag.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head>  <title>Display Form Values</title> </head>
<body>
   <h1>Display Form Values</h1>
   <form method="get">
      <label for="name">Enter your name:</label>
      <input type="text" id="name" name="name" required> <br>
      <label for="age">Enter your age:</label>
      <input type="number" id="age" name="age" required> <br>
      <input type="submit" value="Submit">
   </form>
   <?php
   if (isset($_GET["name"]) && isset($_GET["age"])) {
      $name = $_GET["name"];
      $age = $_GET["age"];
      echo "<h1>Hello, $name!</h1>";
      echo "<h1>Your age is $age.</h1>"; }
  ?>
</body>
 </html>
```

OUTPUT :



7. Prepare a HTML form to register a student with name (text box), email (text box with type email) using $_POST (HTTP method POST)

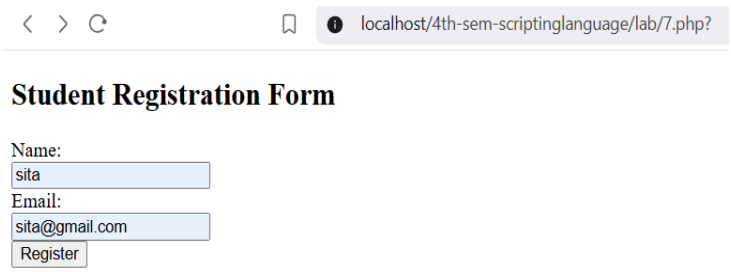
Source Code :

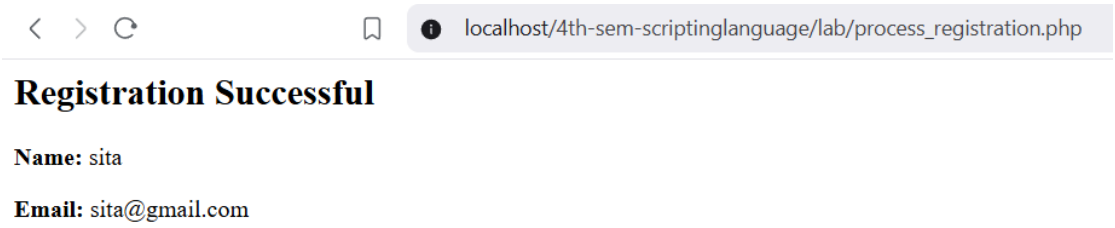
```
<!DOCTYPE html>
<html lang="en">
<head> <title>Student Registration Form</title> </head>
<body>
   <h2>Student Registration Form</h2>
   <form method="post" action="process_registration.php">
      <label for="name">Name:</label><br>
      <input type="text" id="name" name="name" required><br>
      <label for="email">Email:</label><br>
      <input type="email" id="email" name="email" required><br>
      <input type="submit" value="Register">
   </form>   </body>    </html>
```

process_registration.php:

```
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
   $name = htmlspecialchars($_POST['name']);
   $email = htmlspecialchars($_POST['email']);
   echo "<h2>Registration Successful</h2>";
   echo "<p><strong>Name:</strong> $name</p>";
   echo "<p><strong>Email:</strong> $email</p>";
} else { echo "Invalid request."; }
?>
```

OUTPUT :





8. Write a program using $_SESSION to show a simple login system (at least three pages; login, dashboard and logout).

Source Code :

login.php:

```
<?php
session_start();
if (isset($_SESSION['username'])) {
   header("Location: dashboard.php");
   exit; }
if (isset($_POST['username']) && isset($_POST['password'])) {
   $username = $_POST['username'];
   $password = $_POST['password'];
   if ($username === 'user' && $password === 'password') {
      $_SESSION['username'] = $username;
      header("Location: dashboard.php");
      exit;
   } else { $error = "Invalid username or password!";
   } }
?>
<!DOCTYPE html>
<html lang="en">
<head> <title>Login</title> </head>
<body>
   <h2>Login</h2>
   <?php if (isset($error)) echo "<p style='color:red'>$error</p>"; ?>
   <form method="post">
```

```
    <label for="username">Username:</label> <br>
    <input type="text" id="username" name="username" required> <br>
    <label for="password">Password:</label> <br>
    <input type="password" id="password" name="password" required> <br>
    <input type="submit" value="Login">
  </form> </body> </html>
```

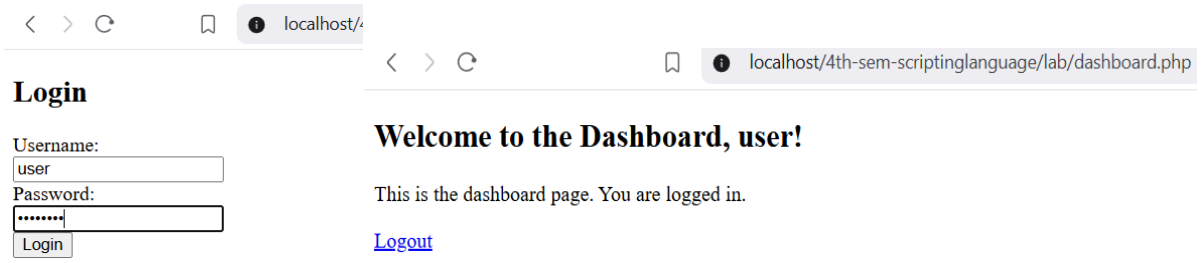
dashboard.php:

```
<?php
session_start();
if (!isset($_SESSION['username'])) {
  header("Location: login.php");
  exit; }
?>
<!DOCTYPE html>
<html lang="en">
<head> <title>Dashboard</title> </head>
<body>
  <h2>Welcome to the Dashboard, <?php echo $_SESSION['username']; ?>!</h2>
  <p>This is the dashboard page. You are logged in.</p>
  <a href="logout.php">Logout</a>
</body> </html>
```

logout.php:

```
<?php
session_start();
session_destroy();
header("Location: login.php");
exit;
?>
```

OUTPUT :

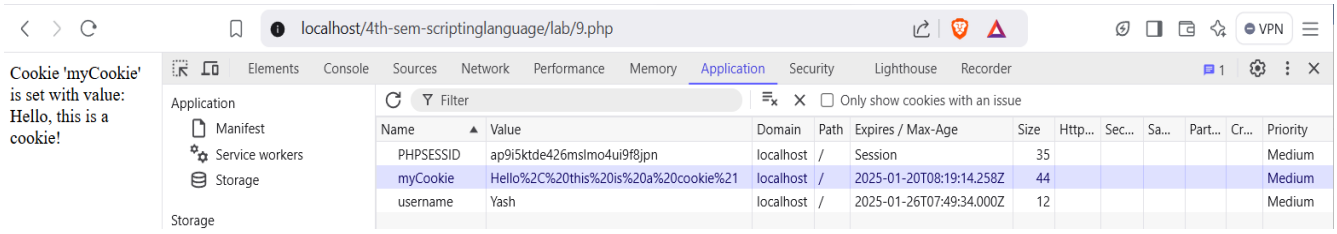


9. Write a program to write a cookie to store a string value for the next 24 hours.

Source Code :

```
<?php
$cookieValue = "Hello, this is a cookie!";
$expirationTime = time() + (24 * 60 * 60); // 24 hours * 60 minutes * 60 seconds
setcookie("myCookie", $cookieValue, $expirationTime, "/");
echo "Cookie 'myCookie' is set with value: $cookieValue";
?>
```

OUTPUT :



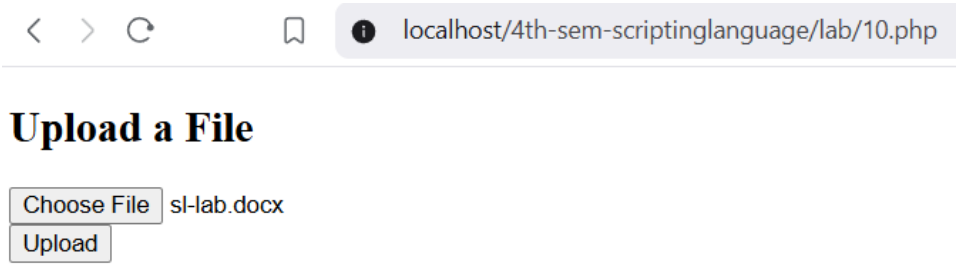
10. Write a program to upload a file.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>File Upload</title> </head>
<body>
  <h2>Upload a File</h2>
  <form method="post" enctype="multipart/form-data">
    <input type="file" name="file" required> <br>
    <input type="submit" value="Upload">
  </form>
```

```
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    if (isset($_FILES["file"]) && $_FILES["file"]["error"] == UPLOAD_ERR_OK) {
        $target_dir = "uploads/";
        $target_file = $target_dir . basename($_FILES["file"]["name"]);
        if (move_uploaded_file($_FILES["file"]["tmp_name"], $target_file)) {
            echo "<p>The file " . basename($_FILES["file"]["name"]) . " has been uploaded.</p>";
        } else {
            echo "<p>Sorry, there was an error uploading your file.</p>";
        }
    } else {
        echo "<p>Please select a file to upload.</p>";
    } }
?>
</body>
</html>
```

OUTPUT :

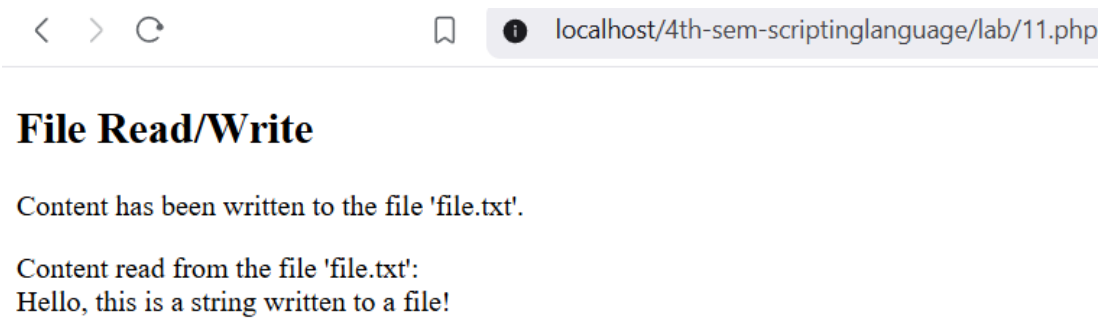


11. Write a program to write a string to a file and read from the same file and display.

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>File Read/Write</title> </head>
<body>
   <h2>File Read/Write</h2>
   <?php
   $file_name = "file.txt";
   $content_to_write = "Hello, this is a string written to a file!";
   if (file_put_contents($file_name, $content_to_write)) {
      echo "<p>Content has been written to the file '{$file_name}'.</p>";
   } else {
      echo "<p>Failed to write content to the file '{$file_name}'.</p>";  }
   $read_content = file_get_contents($file_name);
   if ($read_content !== false) {
      echo "<p>Content read from the file '{$file_name}':<br>{$read_content}</p>";
   } else {
      echo "<p>Failed to read content from the file '{$file_name}'.</p>";
   }
   ?>
</body>
</html>
```

OUTPUT :

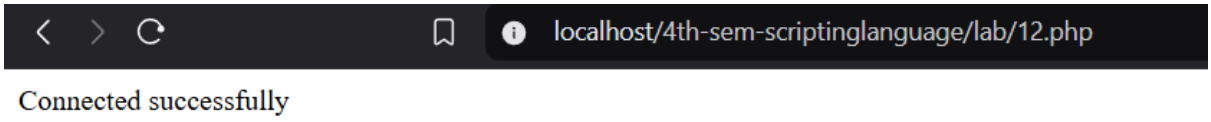


12. Write a program to connect to a database.

Source Code :

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$database = "test";
$conn = new mysqli($servername, $username, $password, $database);
if ($conn->connect_error) {
   die("Connection failed: " . $conn->connect_error);
} else {
   echo "Connected successfully";
}
$conn->close();
?>
```

OUTPUT :



13. Write a program to list students record from a database;

Database Name: swastik

Table Name: students

Columns: id (int), name (varchar), email (varchar), address (text), date_of_birth (date)

Source Code :

```
<!DOCTYPE html>
<html lang="en">
<head> <title>Student Records</title> </head>
<body>
   <h2>Student Records</h2>
   <?php
   $servername = "localhost";
```

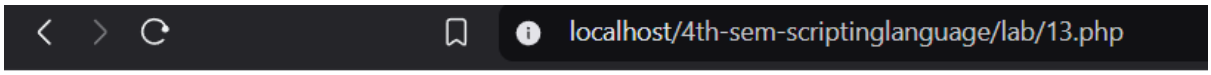
```
    $username = "root";
    $password = "";
    $database = "swastik";
    $conn = new mysqli($servername, $username, $password, $database);
    if ($conn->connect_error) {
     die("Connection failed: " . $conn->connect_error); }
    $sql = "SELECT * FROM students";
    $result = $conn->query($sql);
    if ($result->num_rows > 0) {
        echo "<table border='1'>";
        echo"<tr><th>ID</th><th>Name</th><th>Email</th><th>Address</th><th>Date of
Birth</th></tr>";
        while($row = $result->fetch_assoc()) {
            echo "<tr>";
            echo "<td>" . $row["id"] . "</td>";
            echo "<td>" . $row["name"] . "</td>";
            echo "<td>" . $row["email"] . "</td>";
            echo "<td>" . $row["address"] . "</td>";
            echo "<td>" . $row["date_of_birth"] . "</td>";
            echo "</tr>";
        }  echo "</table>";
    } else {
     echo "No student records found";   }
    $conn->close();
    ?>
</body>
</html>
```

Database: sql

```
CREATE DATABASE swastik;
CREATE TABLE students (
    id INT AUTO_INCREMENT PRIMARY KEY,
```

```
    name VARCHAR(100) NOT NULL,
    email VARCHAR(100) NOT NULL,
    address VARCHAR(255) NOT NULL,
    date_of_birth DATE NOT NULL
);
INSERT INTO students (name, email, address, date_of_birth)
VALUES
('Alice Johnson', 'alice@example.com', '123 Main St', '2000-05-15'),
('Bob Smith', 'bob@example.com', '456 Elm St', '1999-08-22'),
('Charlie Brown', 'charlie@example.com', '789 Maple St', '2001-12-10');
```

OUTPUT :



Student Records

ID	Name	Email	Address	Date of Birth
1	Alice Johnson	alice@example.com	123 Main St	2000-05-15
2	Bob Smith	bob@example.com	456 Elm St	1999-08-22
3	Charlie Brown	charlie@example.com	789 Maple St	2001-12-10