

T1.

File Edit View

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Word Spinner</title>
<style>
  body {
    font-family: Arial, sans-serif;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
  }

  .container {
    text-align: center;
  }

  h2 {
    transition: transform 0.5s ease-in-out;
  }

  .spinning {
    animation: spin 1s infinite linear;
  }

  @keyframes spin {
    100% {
      transform: rotate(360deg);
    }
  }
</style>
</head>
<body>

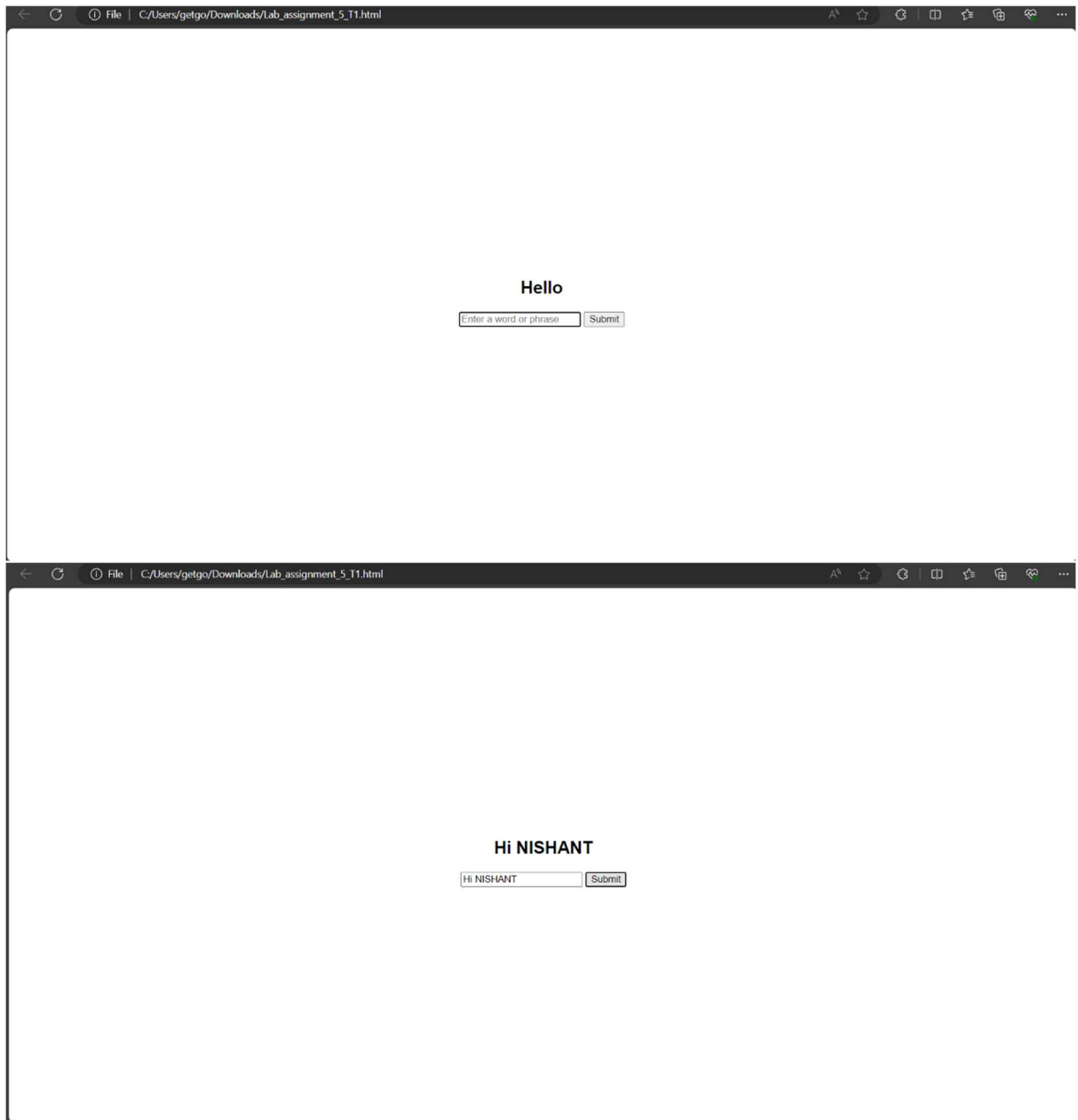
<div class="container">
  <h2 id="word">Hello</h2>
  <input type="text" id="textInput" placeholder="Enter a word or phrase">
  <button onclick="changeWord()">Submit</button>
</div>

<script>
  function changeWord() {
    var input = document.getElementById('textInput').value;
    var word = document.getElementById('word');

    word.textContent = input;
    word.classList.add('spinning');

    setTimeout(function() {
      word.classList.remove('spinning');
    }, 1000);
  }
</script>

</body>
</html>
```



T2.

```
File Edit View

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Counter</title>
<style>
  body {
    font-family: Arial, sans-serif;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
  }

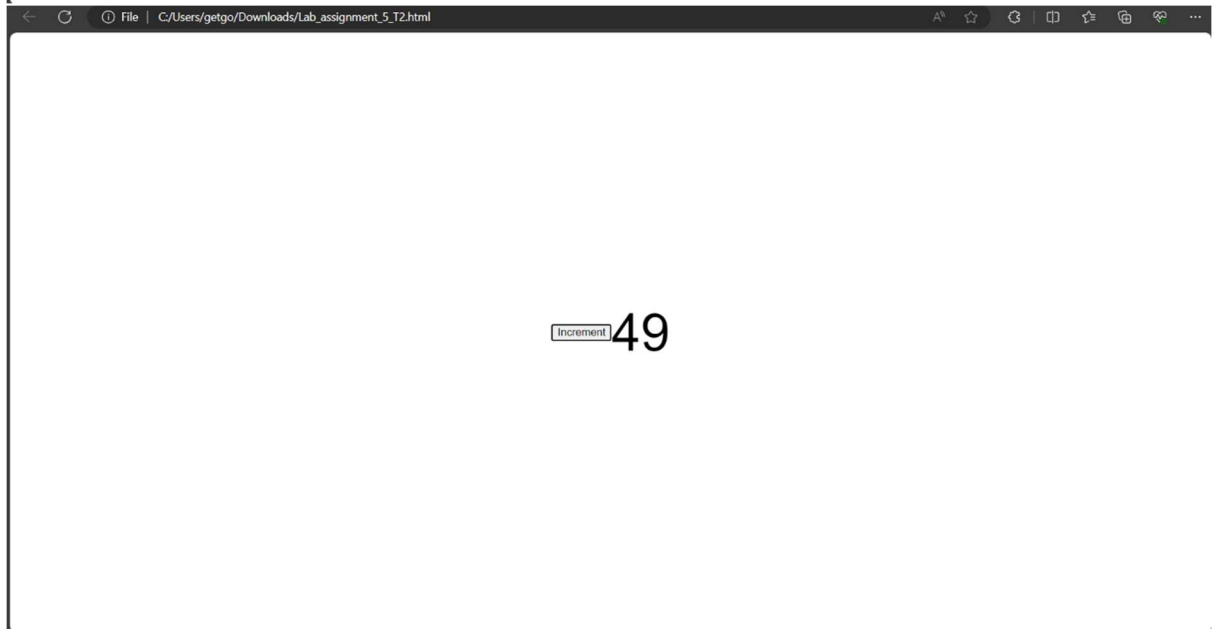
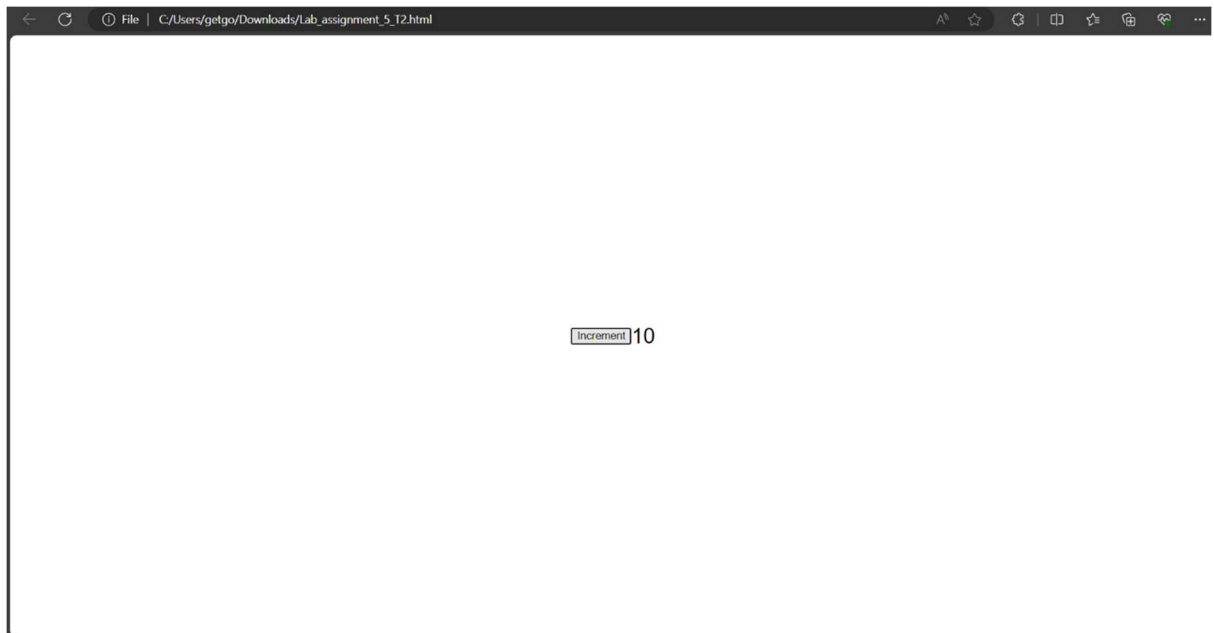
  #count {
    font-size: 16px; /* initial font size */
  }
</style>
</head>
<body>

<button onclick="incrementCount()">Increment</button>
<p id="count">0</p>

<script>
  function incrementCount() {
    var countParagraph = document.getElementById('count');
    var currentCount = parseInt(countParagraph.textContent);
    var newCount = currentCount + 1;

    countParagraph.textContent = newCount;
    countParagraph.style.fontSize = (16 + newCount) + 'px'; // Increase font size
  }
</script>

</body>
</html>
```



T3.

```
File Edit View

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Counter with List</title>
<style>
  body {
    font-family: Arial, sans-serif;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
  }

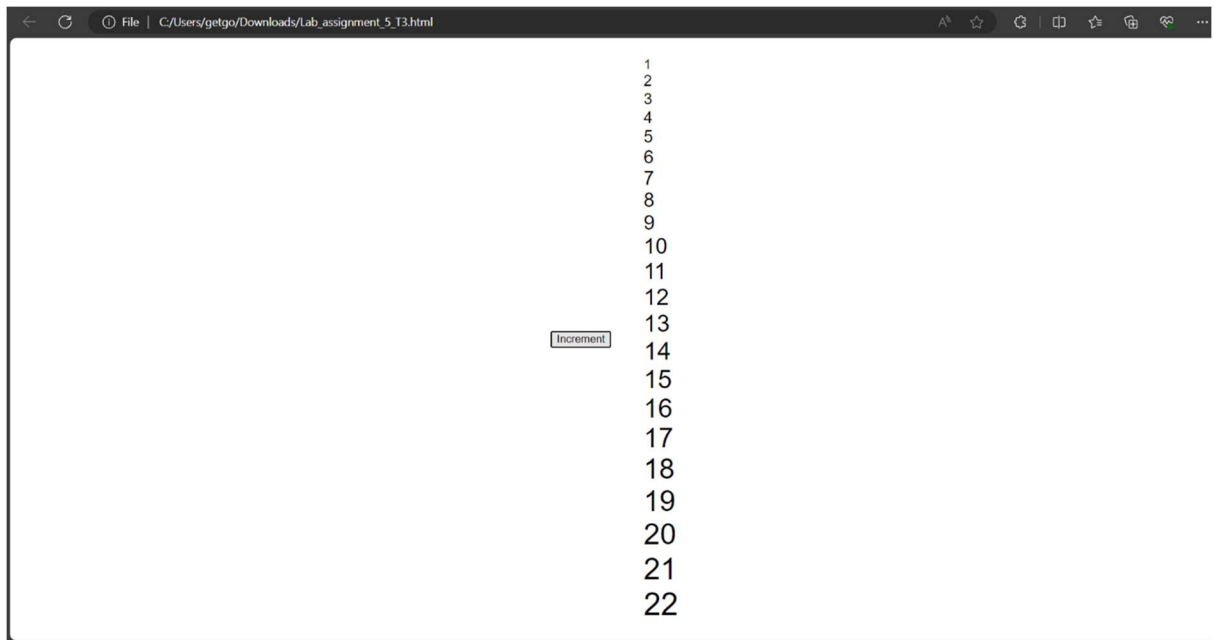
  #countList {
    list-style-type: none;
  }
  .countItem {
    font-size: 16px; /* initial font size */
  }
</style>
</head>
<body>

<button onclick="incrementCount()">Increment</button>
<ul id="countList"></ul>

<script>
  var count = 0;

  function incrementCount() {
    count++;
    var countList = document.getElementById('countList');
    var newItem = document.createElement('li');
    newItem.textContent = count;
    newItem.classList.add('countItem');
    newItem.style.fontSize = (16 + count) + 'px'; // Increase font size
    countList.appendChild(newItem);
  }
</script>

</body>
</html>
```



T4.

File Edit View

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Task 4: Dynamic Table</title>
<style>
  body {
    font-family: Arial, sans-serif;
    background-color: #f0f0f0;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    margin: 0;
  }
  table {
    border-collapse: collapse;
    margin-bottom: 20px;
  }
  th, td {
    border: 1px solid #ddd;
    padding: 8px;
    text-align: center;
  }
</style>
</head>
<body>
<table id="sum-table">
  <tr>
    <th>Row</th>
    <th>Sum</th>
  </tr>
</table>
<button id="add-row-btn">Add Row</button>

<script>
  const sumTable = document.getElementById('sum-table');
  const addRowBtn = document.getElementById('add-row-btn');
  let rowCount = 1;

  addRowBtn.addEventListener('click', () => {
    const newRow = sumTable.insertRow();
    const cell1 = newRow.insertCell(0);
    const cell2 = newRow.insertCell(1);

    cell1.textContent = rowCount;
    cell2.textContent = getFibonacci(rowCount);

    rowCount++;
  });

  function getFibonacci(n) {
    if (n === 1 || n === 2) {
      return 1;
    }

    let a = 1;
    let b = 1;
    let sum = 0;

    for (let i = 3; i <= n; i++) {
      sum = a + b;
      a = b;
      b = sum;
    }

    return sum;
  }
</script>
</body>
</html>
```

Row		Sum
1		1
2		1
3		2
4		3
5		5
6		8
7		13
8		21
9		34
10		55
11		89
12		144
13		233

Add Row

T5.

File Edit View

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Calculator</title>
<style>
  body {
    font-family: Arial, sans-serif;
    text-align: center;
  }

  input[type="text"] {
    padding: 5px;
    margin: 5px;
    width: 100px;
  }

  button {
    padding: 10px 20px;
    margin: 5px;
    font-size: 16px;
  }

  #result {
    margin-top: 20px;
    font-size: 20px;
  }
</style>
</head>
<body>

<input type="text" id="input1" placeholder="Enter number">
<input type="text" id="input2" placeholder="Enter number">

<button onclick="calculate('+')">+</button>
<button onclick="calculate('-')">-</button>
<button onclick="calculate('*')">*</button>
<button onclick="calculate('/')">/</button>

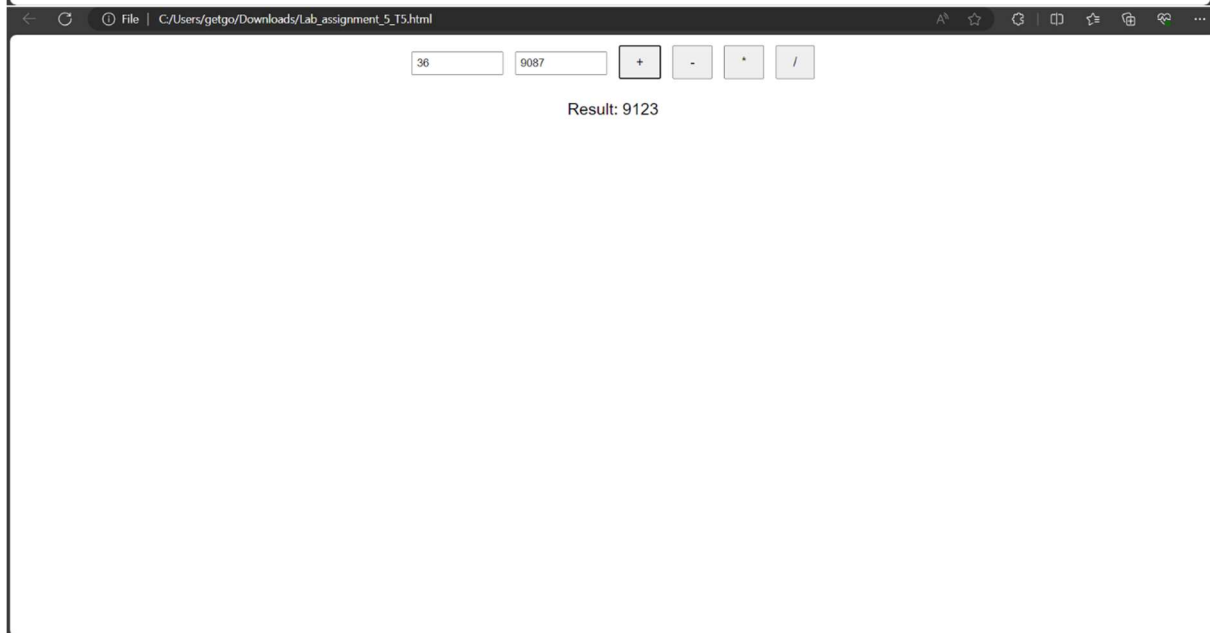
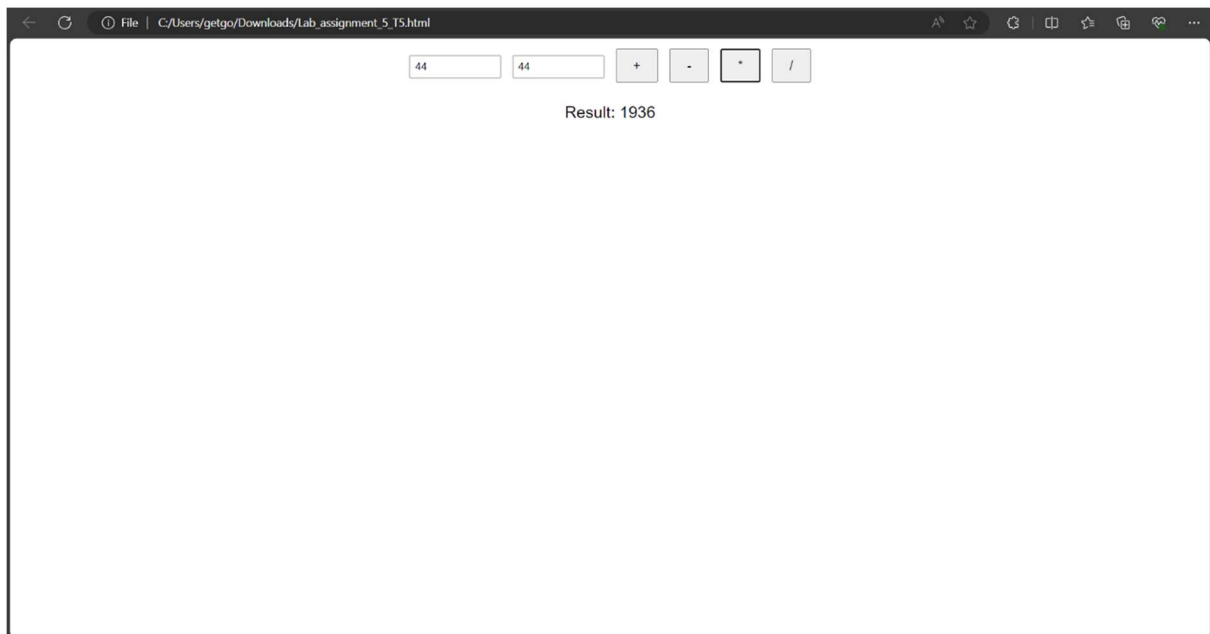
<div id="result"></div>

<script>
  function calculate(operator) {
    var input1 = Number.parseInt(document.getElementById('input1').value);
    var input2 = Number.parseInt(document.getElementById('input2').value);
    var resultElement = document.getElementById('result');
    var result;

    switch (operator) {
      case '+':
        result = input1 + input2;
        break;
      case '-':
        result = input1 - input2;
        break;
      case '*':
        result = input1 * input2;
        break;
      case '/':
        if (input2 !== 0) {
          result = input1 / input2;
        } else {
          result = "Cannot divide by zero";
        }
        break;
      default:
        result = "Invalid operator";
    }

    resultElement.textContent = "Result: " + result;
  }
</script>

</body>
</html>
```



T6.

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Toggle Content</title>
<style>
  body {
    font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
    background-color: #f5f5f5;
    margin: 0;
    padding: 0;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
  }

  #container {
    text-align: center;
  }

  #showContentsButton {
    background-color: #000000;
    color: white;
    border: none;
    padding: 10px 30px;
    font-size: 18px;
    cursor: pointer;
    border-radius: 8px;
    transition: background-color 0.3s ease;
    outline: none;
    box-shadow: 0px 2px 10px rgba(0, 0, 0, 0.2);
  }

  #showContentsButton:hover {
    background-color: #444444;
  }

  #hiddenContent {
    display: none;
    margin-top: 20px;
    background-color: #fff;
    padding: 30px;
    border-radius: 12px;
    box-shadow: 0 0 20px rgba(0, 0, 0, 0.1);
  }

  #hiddenContent h1 {
    color: #4CAF50;
    margin-bottom: 20px;
  }

  #hiddenContent p {
    color: #000;
    font-size: 16px;
    line-height: 1.6;
    margin-bottom: 20px;
  }

  #hiddenContent ol {
    list-style-type: upper-roman;
    color: #000;
    font-size: 16px;
    line-height: 1.6;
    margin: 0;
    padding: 0;
  }

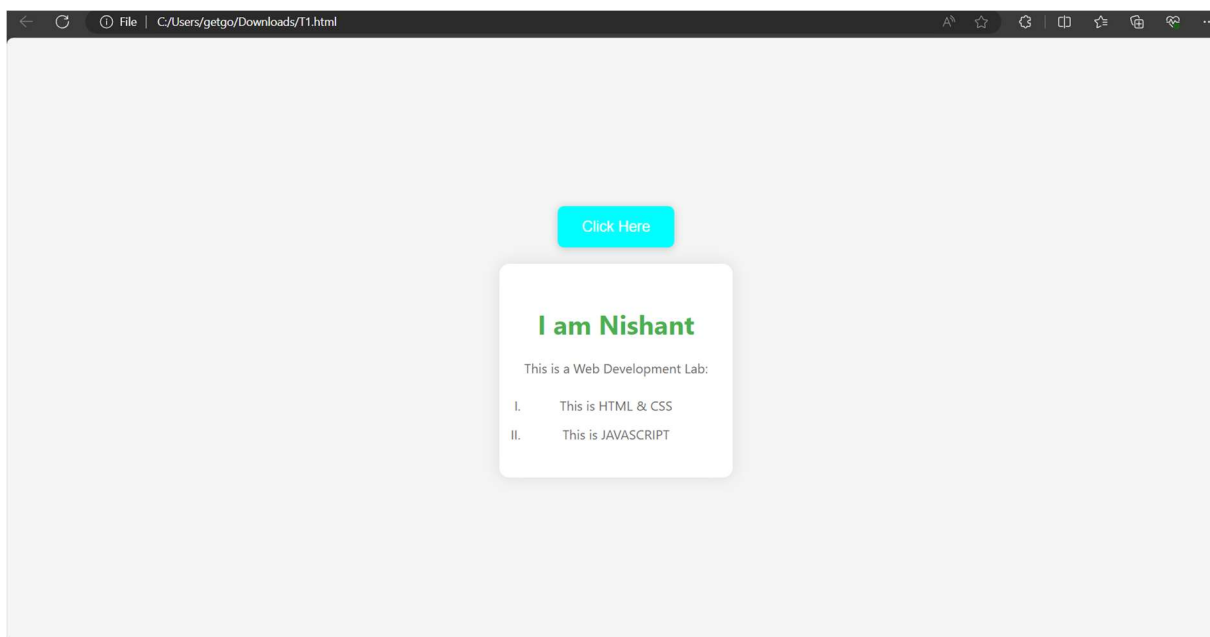
  #hiddenContent li {
    margin-bottom: 10px;
  }
</style>
</head>
<body>

<div id="container">
  <button id="showContentsButton">Click Here</button>

  <div id="hiddenContent">
    <h1>I am Nishant</h1>
    <p>This is a Web Development Lab:</p>
    <ol type="I">
      <li>This is HTML & CSS</li>
      <li>This is JAVASCRIPT</li>
    </ol>
  </div>
</div>

<script>
  document.getElementById("showContentsButton").addEventListener("click", function() {
    var content = document.getElementById("hiddenContent");
    if (content.style.display === "none") {
      content.style.display = "block";
    } else {
      content.style.display = "none";
    }
  });
</script>

</body>
</html>
```



```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Task 7</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      display: flex;
      align-items: center;
      justify-content: center;
      height: 100vh;
      margin: 0;
    }

    #tip-calculator {
      text-align: center;
      max-width: 400px;
      width: 100%;
    }

    input, select {
      margin-bottom: 10px;
      padding: 10px;
      width: 100%;
      box-sizing: border-box;
    }

    button {
      padding: 10px;
      background-color: #6a4d10;
      color: white;
      border: none;
      cursor: pointer;
      width: 100%;
    }

    #tip-result {
      margin-top: 20px;
      font-size: 1.2em;
    }
  </style>
</head>
<body>
  <div id="tip-calculator">
    <h2>Tip Calculator</h2>
    <label for="billAmount">Bill Amount</label>
    <input type="number" id="billAmount" placeholder="Enter bill amount">

    <label for="tipPercentage">Tip Percentage</label>
    <input type="range" id="tipPercentage" min="0" max="30" step="1" value="15">
    <span id="tipPercentageValue">15%</span>

    <label for="numPeople">Number of People</label>
    <select id="numPeople">
      <option value="1">1 person</option>
      <option value="2">2 people</option>
      <option value="3">3 people</option>
      <option value="4">4 people</option>
    </select>

    <button onclick="calculateTip()">Calculate Tip</button>

    <div id="tip-result"></div>
  </div>

  <script>
    function calculateTip() {
      var billAmount = parseFloat(document.getElementById('billAmount').value);
      var tipPercentage = parseInt(document.getElementById('tipPercentage').value);
      var numPeople = parseInt(document.getElementById('numPeople').value);

      var tipAmount = (billAmount * tipPercentage) / 100;
      var totalAmount = billAmount + tipAmount;
      var tipPerPerson = tipAmount / numPeople;

      var resultMessage = Tip: ${tipAmount.toFixed(2)}<br>
      resultMessage += Total Amount: ${totalAmount.toFixed(2)}<br>
      resultMessage += Tip per Person: ${tipPerPerson.toFixed(2)};

      document.getElementById('tip-result').innerHTML = resultMessage;
    }

    document.getElementById('tipPercentage').addEventListener('input', function() {
      document.getElementById('tipPercentageValue').innerText = this.value + '%';
    });
  </script>
</body>
</html>

```

