T1

```html
<!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>
```
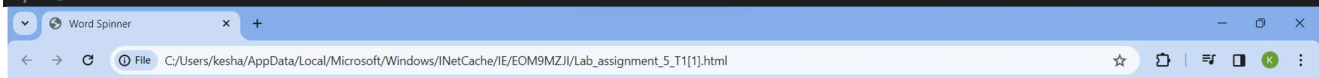
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Hello

Enter a word or phrase   Submit

T2

```
<!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>
```
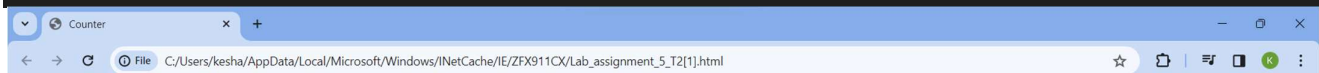
Increment 7

```
<!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>
```
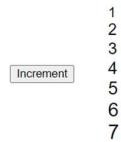
```
                                                    1
                                                    2
                                                    3
                                                    4
                                        Increment   5
                                                    6
                                                    7
```

T4

```html
<!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>
```

```html
<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>
```
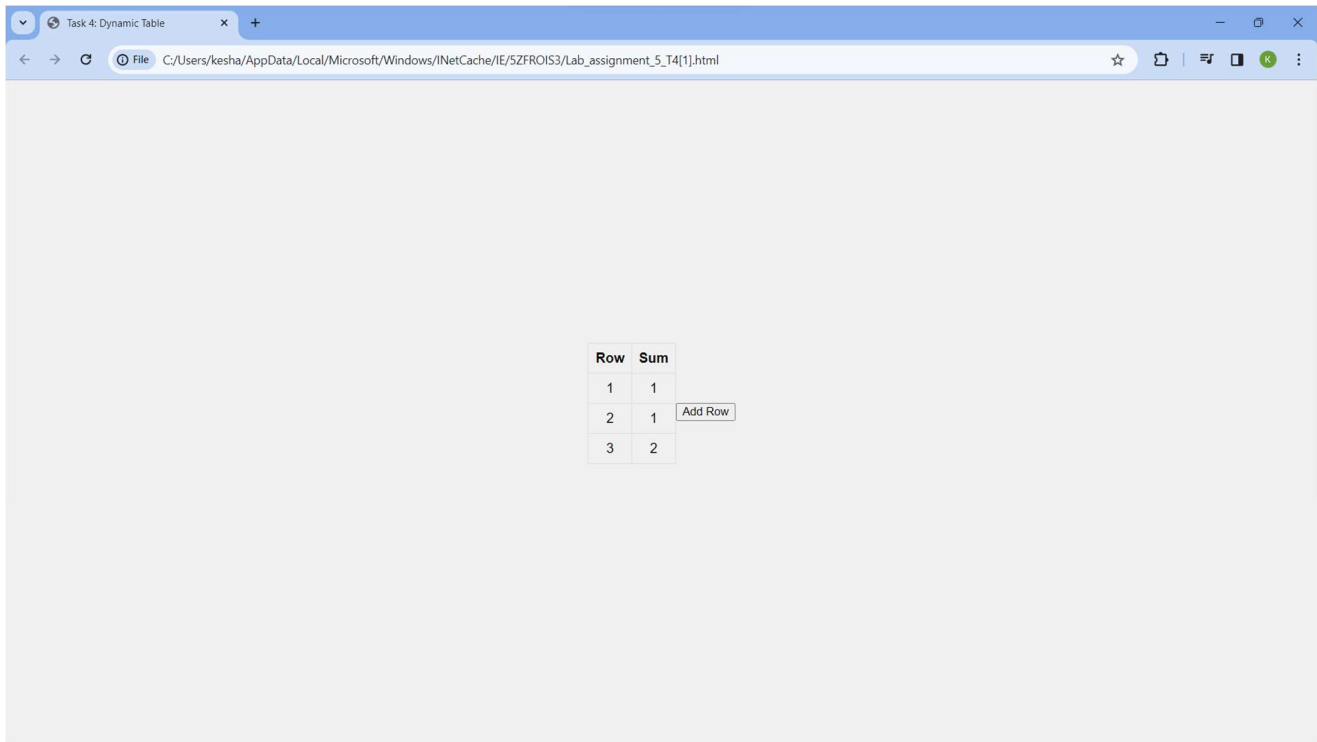
T5

```
<!DOCTYPE html>
<html lang="en">
<head>
<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;
  }
```

```html
</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>
```

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| 34 | 35 | + | - | * | / |

Result: 69

T6
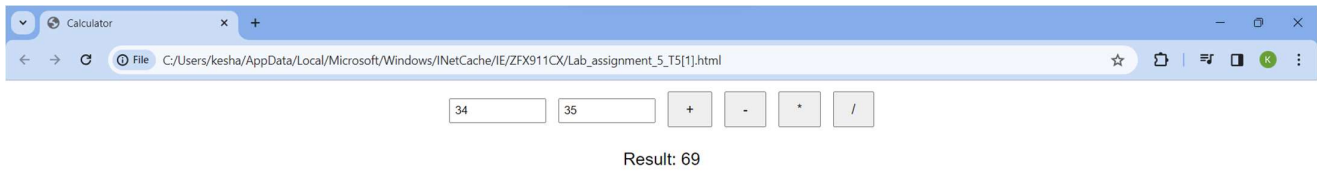
```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Dynamic Page Creation</title>
</head>
<body>
<button onclick="makePage();">Click Here</button>

<script>
function makePage() {
    var h1 = document.createElement('h1');
    h1.textContent = "I am an H1";

    var paragraph = document.createElement('p');
    paragraph.textContent = "This is a paragraph followed by a list";

    var ol = document.createElement('ol');
    ol.setAttribute('type', 'I');

    var li1 = document.createElement('li');
    li1.textContent = "This is first";
    ol.appendChild(li1);

    var li2 = document.createElement('li');
    li2.textContent = "This is second";
    ol.appendChild(li2);
```

```
    document.body.appendChild(h1);
    document.body.appendChild(paragraph);
    document.body.appendChild(ol);
}
</script>

</body>
</html>
```

Dynamic Page Creation   × +   – □ ×

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Click Here

I am an H1

This is a paragraph followed by a list

    I. This is first
    II. This is second

I am an H1

This is a paragraph followed by a list

    I. This is first
    II. This is second

T7

```
<!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;
```

```css
            width: 100%;
        }

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

        button {
            padding: 10px;
            background-color: #6a4610;
            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>
```
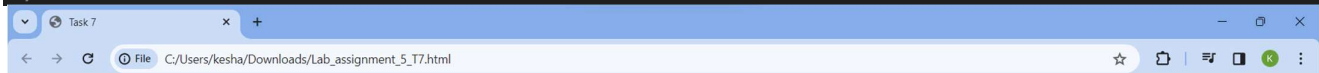
Task 7   ×   +

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Tip Calculator

Bill Amount

Enter bill amount

Tip Percentage

15% Number of People

1 person

Calculate Tip