

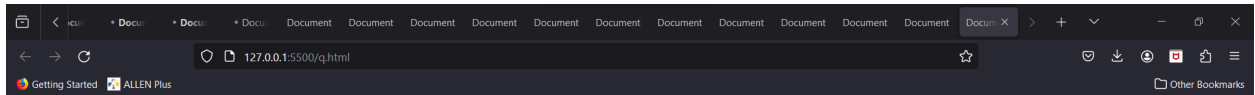
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Class: 22IT3043

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
</head>
<body>
  <h2 id="h">Hello</h2>
  <input type="text" id="input">
  <button id="butt">click me</button>
  <script>

    let content = document.querySelector('#h');
    let content1 = document.querySelector('#input');
    let content2 = document.querySelector('#butt');
    content2.addEventListener('click',function(){
      content1.setAttribute('value', 'defaultValue');
      content.innerHTML = content1.value;
    })

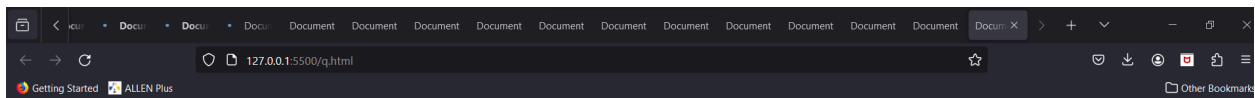
  </script>
</body>
</html>
```

OUTPUT



Hello

click me



JI HAN

click me



Q-2

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

```
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Count Button</title>
<style>
  #count {
    font-size: 16px;
  }
</style>
</head>
<body>

<p id="count">RGIPT-0</p>
<button id="incrementButton">Increment Count</button>

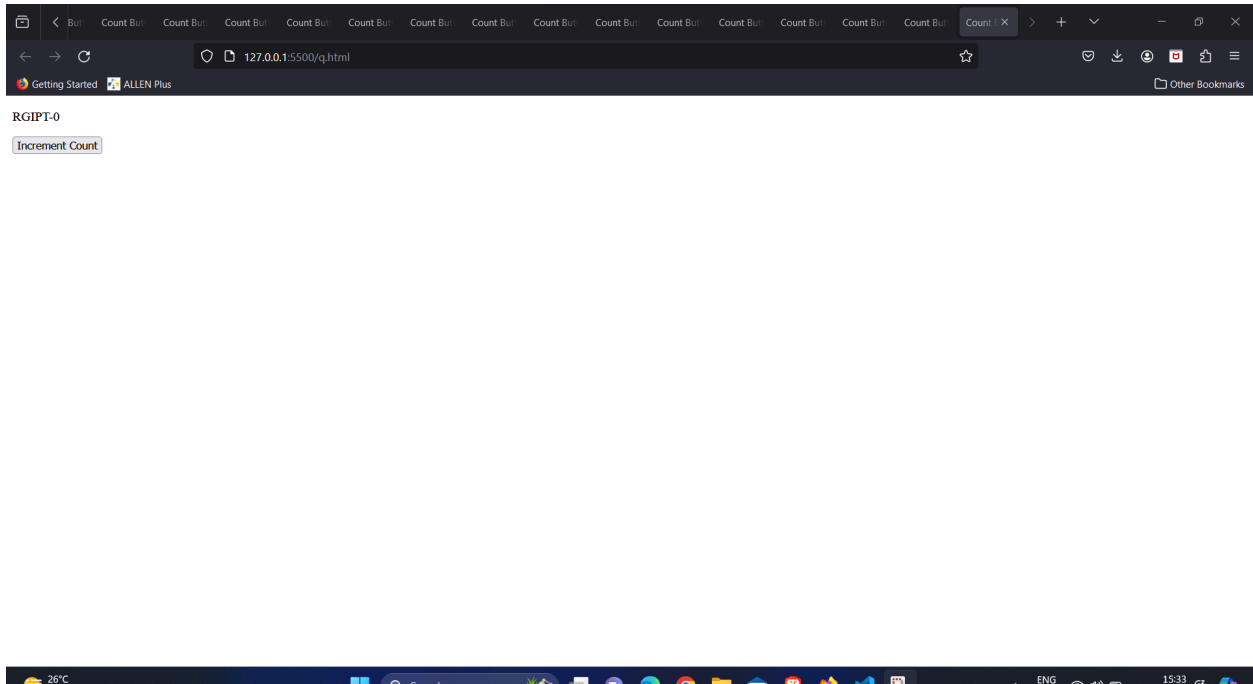
<script>
  const countParagraph = document.getElementById('count');
  const incrementButton = document.getElementById('incrementButton');
  let count = 0;

  incrementButton.addEventListener('click', () => {
    count++;
    countParagraph.textContent = "RGIPT" + '-' + count;
    countParagraph.style.fontSize = `${16 + count}px`;
  });
</script>

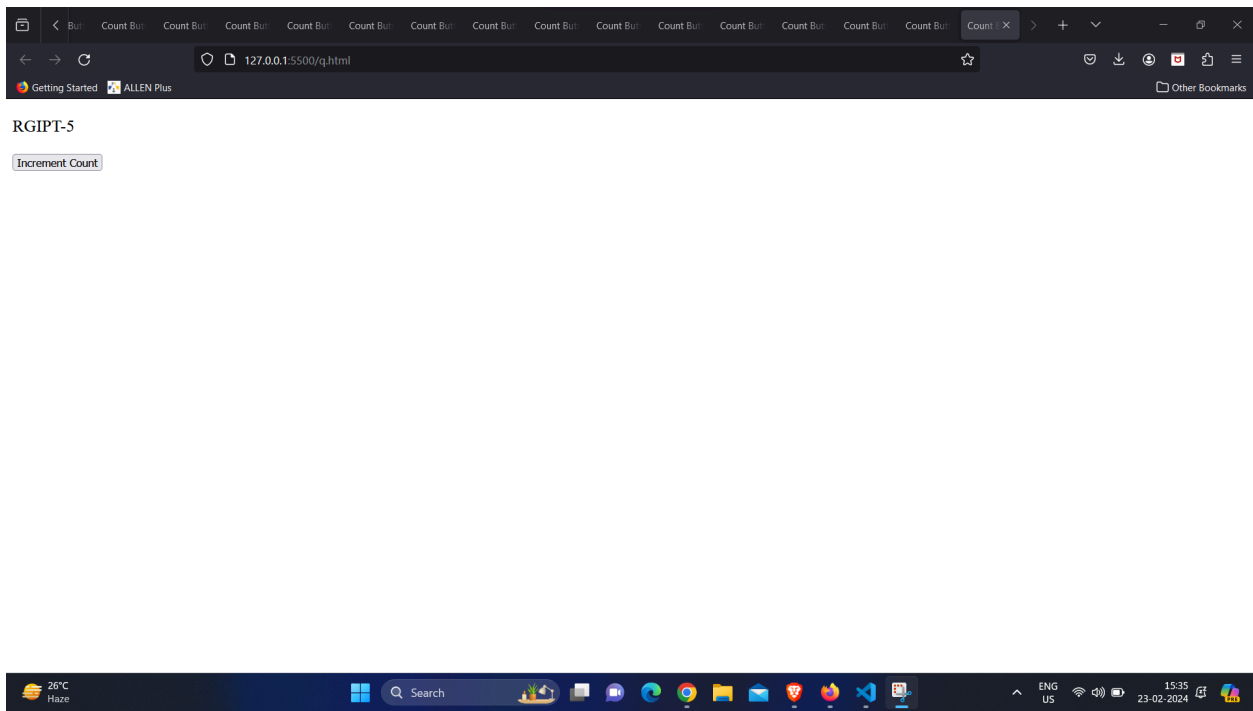
</body>
</html>
```

OUTPUT

Before clicking



After clicking button



Q-3

```
<!DOCTYPE html>
<html lang="en">
```

```
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Count Button</title>
<style>
  #count {
    font-size: 16px;
  }
</style>
</head>
<body>

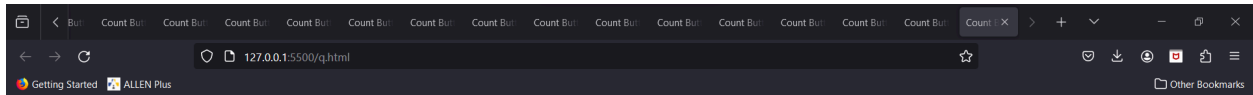
<ul id="countList"></ul>
<button id="incrementButton">Increment Count</button>

<script>
  const countList = document.getElementById('countList');
  const incrementButton = document.getElementById('incrementButton');
  let count = 0;

  incrementButton.addEventListener('click', () => {
    count++;
    const newItem = document.createElement('li');
    newItem.textContent = count;
    newItem.style.fontSize = `${16 + count}px`;
    countList.appendChild(newItem);
  });
</script>

</body>
</html>
```

OUTPUT



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

Increment Count



Q-4

```
<!DOCTYPE html>
<html>
<head>
  <title>Add Rows to Table</title>
  <style>
    table, tr, td, th {
      border-collapse: collapse;
    }
  </style>
</head>
<body>

<table id="myTable" border="1">
  <tr>
    <th>Row Number</th>
    <th>Sum</th>
  </tr>
  <tr>
    <td>1</td>
    <td>1</td>
  </tr>
  <tr>
    <td>2</td>
```

```
        <td>1</td>
    </tr>
</table>

<button onclick="addRow()">Add Row</button>

<script>
function addRow() {
    var table = document.getElementById("myTable");
    var rowCount = table.rows.length;
    var lastRow = table.rows[rowCount - 1];
    var secondLastRow = table.rows[rowCount - 2];

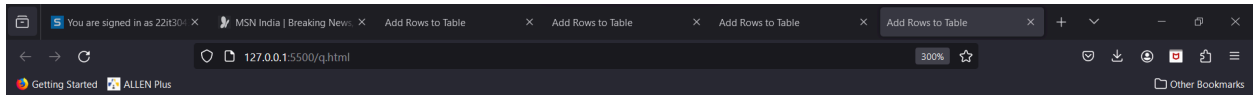
    var sum = parseInt(lastRow.cells[1].innerText) +
parseInt(secondLastRow.cells[1].innerText);

    var newRow = table.insertRow(rowCount);
    var cell1 = newRow.insertCell(0);
    var cell2 = newRow.insertCell(1);

    cell1.innerText = rowCount;
    cell2.innerText = sum;
}
</script>

</body>
</html>
```

OUTPUT



Row Number	Sum
1	1
2	1
3	2
4	3
5	5
6	8
7	13

Add Row



Q-5<!DOCTYPE html>

```
<html>
<head>
  <title>Calculator</title>
</head>
<body>

<input type="text" id="input1" placeholder="Enter number 1">
<input type="text" id="input2" placeholder="Enter number 2">

<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 = document.getElementById("input1").value;
  var input2 = document.getElementById("input2").value;
```



```
// Convert string inputs to numbers
var num1 = Number.parseInt(input1);
var num2 = Number.parseInt(input2);

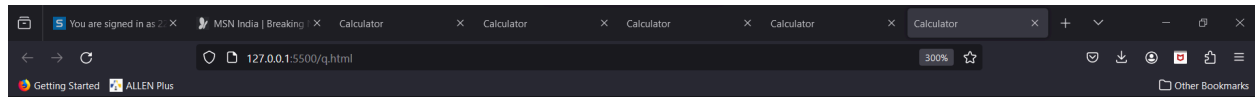
var result;

switch(operator) {
  case '+':
    result = num1 + num2;
    break;
  case '-':
    result = num1 - num2;
    break;
  case '*':
    result = num1 * num2;
    break;
  case '/':
    result = num1 / num2;
    break;
  default:
    result = "Invalid operator";
}

document.getElementById("result").innerText = "Result: " + result;
}
</script>

</body>
</html>
```

OUTPUT



Q-6

```
<!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>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }
    #container {
      width: 80%;
      margin: auto;
      padding: 20px;
    }
    h1 {
      text-align: center;
    }
  </style>
</head>
<body>
  <div id="container">
    <h1>Dynamic Page Creation</h1>
  </div>
</body>
</html>
```

```

        .button {
            display: inline-block;
            padding: 10px 20px;
            margin: 5px;
            background-color: #4CAF50;
            color: white;
            border: none;
            text-align: center;
            text-decoration: none;
            font-size: 16px;
            cursor: pointer;
        }
        #result {
            text-align: center;
            margin-top: 20px;
        }
    </style>
</head>
<body>

<div id="container">
    <h1>Calculator</h1>
    <input type="text" id="input1" placeholder="Enter number 1">
    <input type="text" id="input2" placeholder="Enter number 2">
    <div id="buttons">
        <button class="button" id="add">+</button>
        <button class="button" id="subtract">-</button>
        <button class="button" id="multiply">*</button>
        <button class="button" id="divide">/</button>
    </div>
    <div id="result"></div>
</div>

<script>
    function createElement(tag, text, className) {
        var element = document.createElement(tag);
        if (text) {
            element.textContent = text;
        }
        if (className) {

```

```

        element.className = className;
    }
    return element;
}

function append(parent, children) {
    if (Array.isArray(children)) {
        children.forEach(function(child) {
            parent.appendChild(child);
        });
    } else {
        parent.appendChild(children);
    }
}

var addButton = createElement('button', '+', 'button');
var subtractButton = createElement('button', '-', 'button');
var multiplyButton = createElement('button', '*', 'button');
var divideButton = createElement('button', '/', 'button');

var buttonContainer = document.getElementById('buttons');
append(buttonContainer, [addButton, subtractButton, multiplyButton,
divideButton]);

var resultDiv = document.getElementById('result');
var resultText = createElement('p', 'Result: ');
var resultValue = createElement('span', '', 'result-value');
append(resultDiv, [resultText, resultValue]);

addButton.addEventListener('click', function() {
    calculate('+');
});

subtractButton.addEventListener('click', function() {
    calculate('-');
});

multiplyButton.addEventListener('click', function() {
    calculate('*');
});

```

```
divideButton.addEventListener('click', function() {
    calculate('/');
});

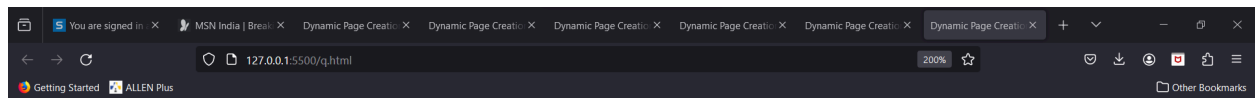
function calculate(operator) {
    var input1 =
Number.parseInt(document.getElementById('input1').value);
    var input2 =
Number.parseInt(document.getElementById('input2').value);
    var result;

    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 = 'Error: Division by zero';
            }
            break;
        default:
            result = 'Invalid operator';
    }

    resultValue.textContent = result;
}
</script>

</body>
</html>
```

OUTPUT



Calculator

54	752						
+	-	*	/	+	-	*	/

Result:

806

