

T1->

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<title>Dynamic Text Replacement</title>
</head>
<body>

<div id="container">
  <h2><span id="dynamicText">Hello</span></h2> <input
type="text" id="textInput" placeholder="Type here">
<button onclick="replaceText()">Replace
Text</button>
</div>

<script>
function replaceText() {
const newText =
document.getElementById('textInput').value; const
dynamicText =
document.getElementById('dynamicText');
dynamicText.innerText = newText;
dynamicText.parentElement.classList.add('spin'); }
</script>

<style>
.spin {
animation: spin 2s linear infinite;
transform-origin: center;
}
```

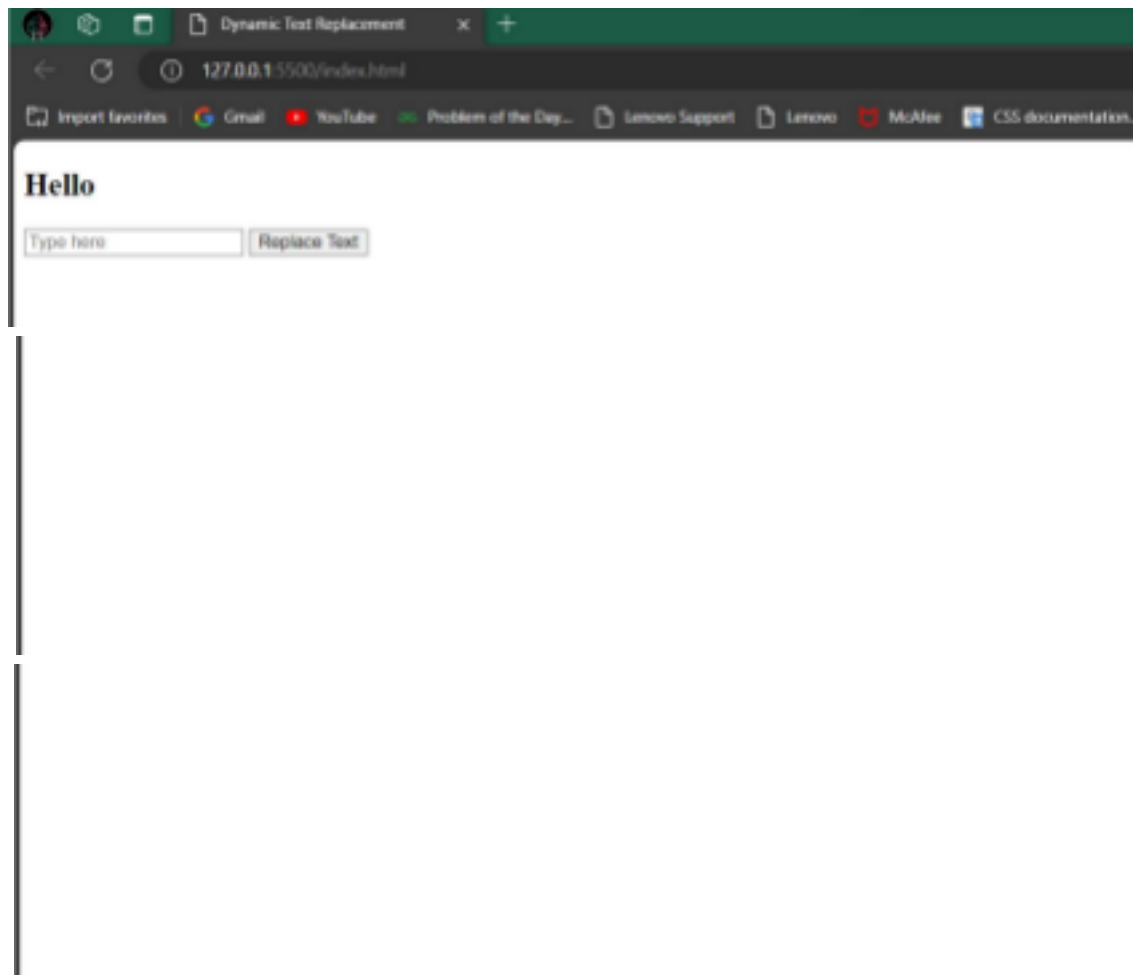
```

@keyframes spin {
from {
transform: rotate(0deg);
}
to {
transform: rotate(360deg);
}
}
</style>

</body>
</html>

```

Output:



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>
#count {
font-size: 16px;
}
</style>
</head>
<body>
<p id="count">0</p>
<button onclick="incrementCount()">Increment</button>

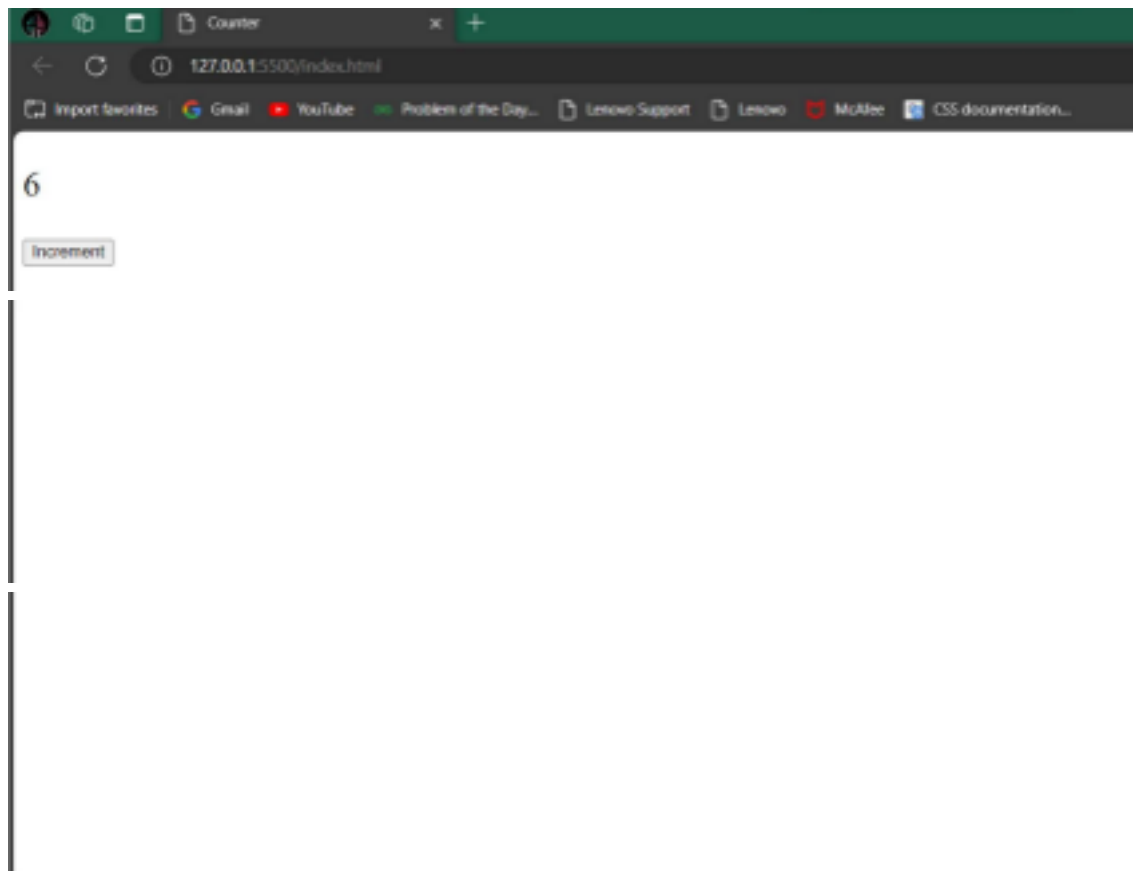
<script>
let count = 0;
const countElement =
document.getElementById('count');

function incrementCount() {
count++;
countElement.innerText = count;
updateFontSize();
}

function updateFontSize() {
const fontSize = 16 + count * 2;
countElement.style.fontSize = `${fontSize}px`; }
</script>

</body>
</html>
```

Output:



T3 €

Code:

```
<!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>
#countList {
list-style-type: none;
padding: 0;
}
</style>
</head>
<body>
```

```

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

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

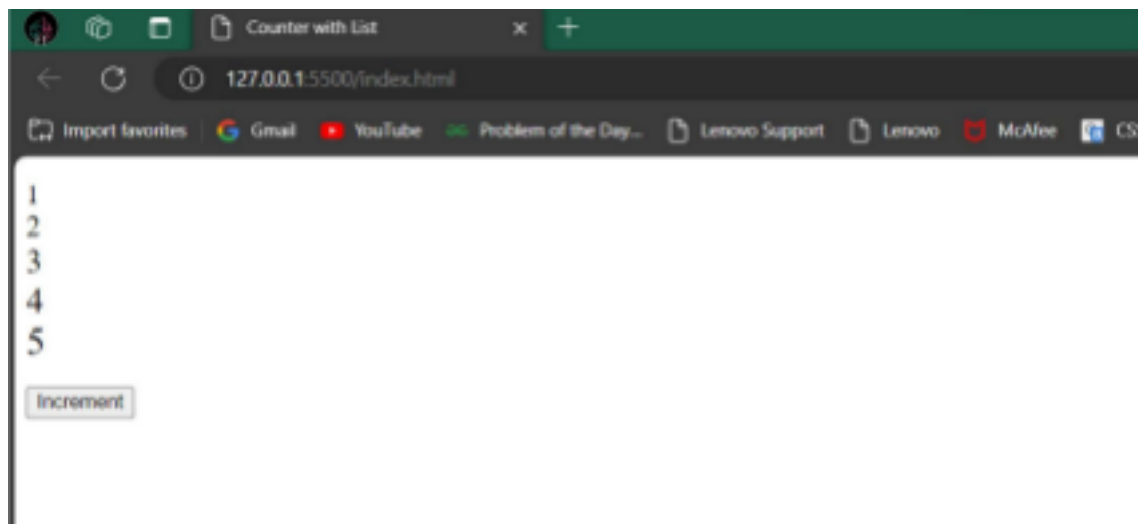
function incrementCount() {
count++;
const newItem = document.createElement('li');
newItem.textContent = count;
updateFontSize(newItem);
countList.appendChild(newItem);
}

function updateFontSize(item) {
const fontSize = 16 + count * 2; // Increase font size by 2px for
each increment
item.style.fontSize = `${fontSize}px`; }
</script>

</body>
</html>

```

Output:



T4 €

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<title>Add Row with Sum</title>
</head>
<body>

<table id="dataTable" border="1">
<tr>
<th>Number</th>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>1</td>
</tr>
</table>

<button onclick="addRowWithSum()">Add Row with
Sum</button>

<script>
function addRowWithSum() {
const table =
document.getElementById('dataTable');
```

```

const rows = table.getElementsByTagName('tr'); const
lastRow = rows[rows.length - 1]; const prevRow =
lastRow.previousElementSibling;
const sum =
parseInt(lastRow.lastElementChild.innerText) +
parseInt(prevRow.lastElementChild.innerText);
const newRow = document.createElement('tr'); const
newData = document.createElement('td'); newData.innerText
= sum;

newRow.appendChild(newData);
table.appendChild(newRow);
}
</script>

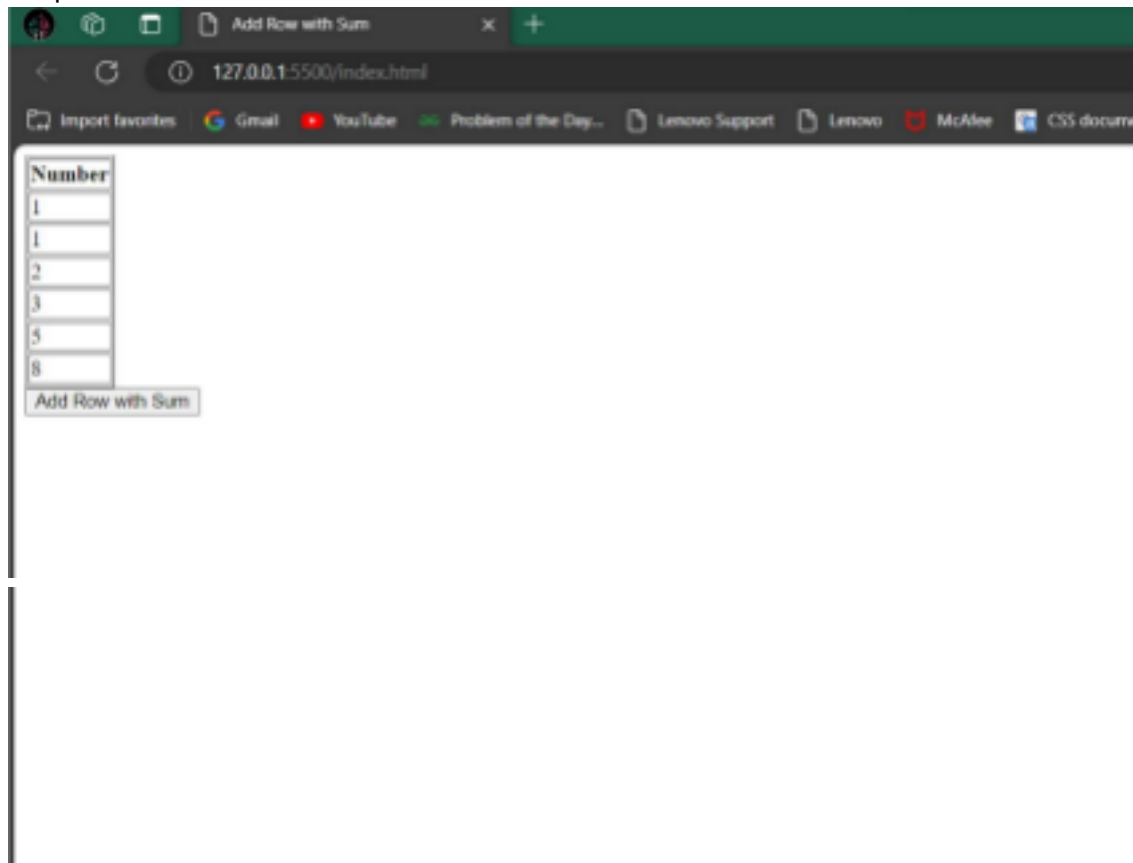
```

```

</body>
</html>

```

Output:



T5

Code:

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<title>Calclator</title>
</head>
<body>
<input type="text" id="input1">
<input type="text" id="input2">
<br>
<button  onclick="calculate('+')">+</button> <button
onclick="calculate('-')">-</button> <button
onclick="calculate('*')">*</button> <button
onclick="calculate('/')">/</button> <div
id="result"></div>
<script>
function calculate(operator) {
const input1 =
Number.parseInt(document.getElementById('input1').value);
const input2 =
Number.parseInt(document.getElementById('input2').value);
let result;

switch(operator) {
case '+':
result = input1 + input2;
break;
case '-':
result = input1 - input2;
break;
case '*':
result = input1 * input2;
break;
case '/':

```



```

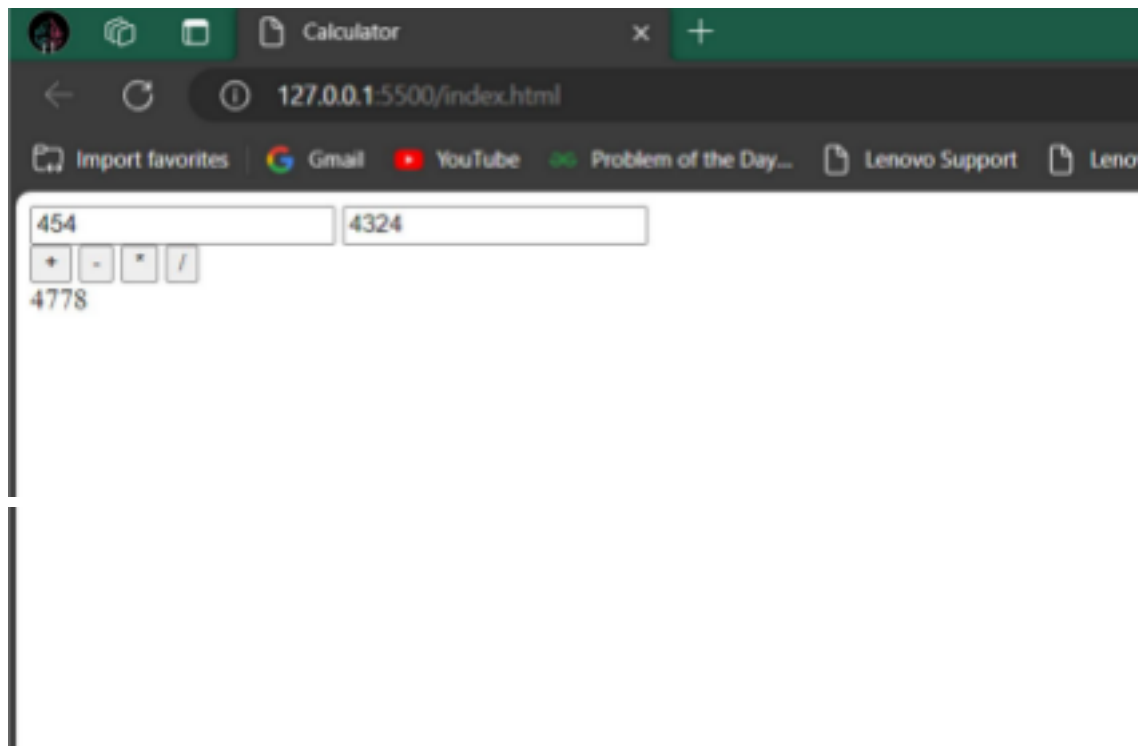
if (input2 !== 0) {
result = input1 / input2;
} else {
result = 'Cannot divide by zero';
}
break;
default:
result = 'Invalid operator';
}

document.getElementById('result').innerText = result;
}
</script>

</body>
</html>

```

Output:



T6

Code:

```

<html>
<body>
<button onclick="makePage();">Click Here</button> </body>

```

```

<script>
function makePage(){
let x = document.createElement("h1"); x.textContent =
"I am H1";

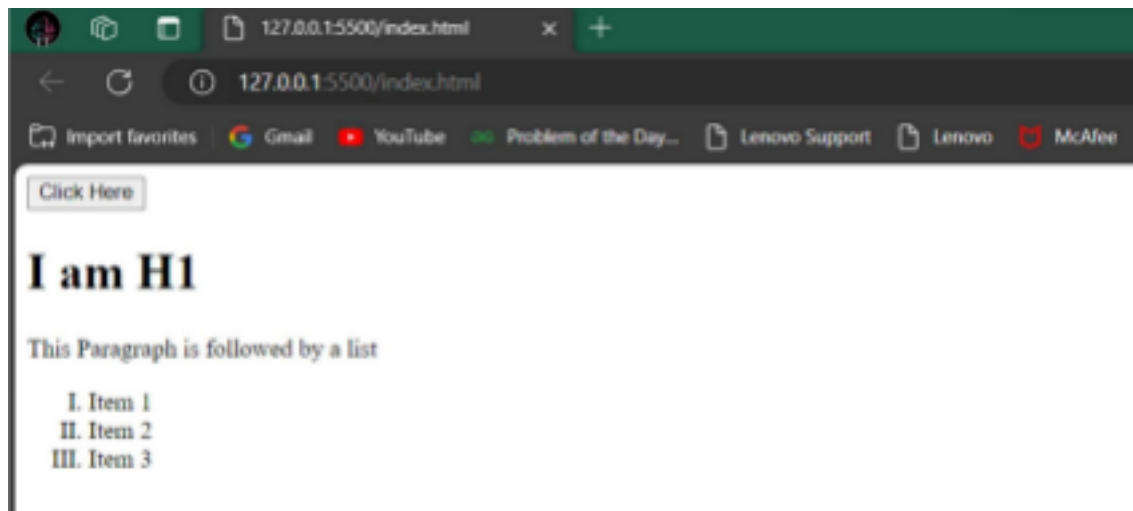
let para = document.createElement("p"); para.textContent = "This
Paragraph is followed by a list";

let list = document.createElement("ol"); list.type = "I"
for (let i = 1; i <= 3; i++) {
let listItem =
document.createElement("li");
listItem.textContent = `Item ${i}`;
list.appendChild(listItem);
}

document.body.appendChild(x);
document.body.appendChild(para);
document.body.appendChild(list);
}
</script>
</html>

```

Output:



T7 €

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width,
initial-scale=1.0">
<title>Tip Calculator</title>
</head>
<body>

<div>
<label for="amount">Amount:</label>
<input type="number" id="amount" min="0"
step="0.01">
</div>
<div>
<label for="tipPercentage">Tip Percentage:</label> <input
type="number" id="tipPercentage" min="0" step="1">
<span>%</span>
</div>
<div>
<label for="numPeople">Number of People:</label> <input
type="number" id="numPeople" min="1" step="1">
</div>
<button onclick="calculateTip()">Calculate
```

```

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

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

if (isNaN(amount) || isNaN(tipPercentage) || isNaN(numPeople)
|| amount <= 0 || tipPercentage < 0 || numPeople < 1) {
document.getElementById('result').innerText = 'Please enter
valid values';
return;
}
const tipAmount = (amount * tipPercentage) / 100; const
totalAmount = amount + tipAmount; const amountPerPerson =
totalAmount / numPeople;

document.getElementById('result').innerText = `Tip:
$${tipAmount.toFixed(2)} | Total:
$${totalAmount.toFixed(2)} | Per Person:
$${amountPerPerson.toFixed(2)}`;
}
</script>

</body>
</html>

```

Output:

Tip Calculator

127.0.0.1:5500/index.html

Import favorites Gmail YouTube Problem of the Day... Lenovo Support Lenovo McAfee CSS documentation...

Amount: 154953

Tip Percentage: 32%

Number of People: 32

Calculate Tip

Tip: \$49584.96 | Total: \$204537.96 | Per Person: \$6391.81