

File Edit Selection View Go Run Terminal Help

coding

class.html

class.html

http://127.0.0.1:3000/class.html

```
class.html > html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <style>
7     body {
8       font-family: Arial, sans-serif;
9       text-align: center;
10      margin: 50px;
11    }
12
13    h2 {
14      transition: transform 0.5s ease-in-out;
15    }
16
17    input {
18      padding: 5px;
19      margin-right: 10px;
20    }
21  </style>
22  <script>
23    function updateHeading() {
24      var inputText = document.getElementById("textInput").value;
25      var heading = document.getElementById("helloHeading");
26      heading.innerHTML = inputText;
27      heading.style.transform = "rotate(0deg)";
28
29      // Trigger reflow to restart the animation
30      void heading.offsetWidth;
31
32      heading.style.transform = "rotate(360deg)";
33    }
34  </script>
35 </head>
36 <body>
37   <h2 id="helloHeading">Hello</h2>
38   <input type="text" id="textInput" value="Enter text" />
39   <button id="changeText" value="Change Text" />
40 </body>
41 </html>
```

Hello

Enter text

Change Text

Port: 3000 Go Live 17:11 13-02-2024

JS angela.js< > index.html< > classproject.html 1< > class.html< > ...

class.html > html > head > style

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Counter Web Page</title>
7   <style>
8     body {
9       font-family: 'Arial', sans-serif;
10      text-align: center;
11    }
12    #count {
13      font-size: 16px;
14      transition: font-size 0.3s ease;
15    }
16    #myButton {
17      padding: 10px 20px;
18      font-size: 16px;
19      cursor: pointer;
20      color: green;
21      background-color: greenyellow;
22    }
23  </style>
24 </head>
25 <body>
26
27   <h1>Counter Web Page</h1>
28
29   <p id="count">0</p>
30   <button id="myButton" onclick="incrementCount()">Click me</button>
31
32   <script>
33     let count = 0;
34
35     function incrementCount() {
36       count++;
37       document.getElementById('count').innerHTML = count;
38     }
39   </script>
40 </body>
41 </html>
```

Counter Web Page X

http://127.0.0.1:3000/class.html

Counter Web Page

1

Click me

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VS Code Interface

JS angela.jsindex.htmlclassproject.html 1class.html

class.htmlhtmlbodyscriptincrementCount

```
14 padding: 0;
15 }
16 .countItem {
17   font-size: 16px;
18   transition: font-size 0.3s ease;
19 }
20 #myButton {
21   padding: 10px 20px;
22   font-size: 16px;
23   cursor: pointer;
24   color: green;
25   background-color: greenyellow;
26 }
27 </style>
28 </head>
29 <body>
30
31 <h1>Counter Web Page with List</h1>
32
33 <ul id="countList"></ul>
34 <button id="myButton" onclick="incrementCount()">Click me</button>
35
36 <script>
37   let count = 0;
38
39   function incrementCount() {
40     count++;
41
42     let listItem = document.createElement('li');
43     listItem.classList.add('countItem');
44     listItem.textContent = count;
45
46     let fontSize = 16 + count * 2;
47     listItem.style.fontSize = fontSize + 'px';
```

Counter Web Page with List X

http://127.0.0.1:3000/class.html

Counter Web Page with List

1

Click me

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VS Code interface with file explorer, editor, and terminal.

class.html

```
<tr>
  <td>1</td>
  <td>1</td>
</tr>
<tr>
  <td>2</td>
  <td>1</td>
</tr>
</tbody>
</table>

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

<script>
function addRow() {
  let table = document.getElementById('myTable');
  let tbody = table.getElementsByTagName('tbody')[0];

  let lastRow = tbody.lastChild;
  let secondLastRow = lastRow.previousSibling;

  let sum = parseInt(lastRow.lastChild.innerText) + parseInt(secondLastRow.lastChild.innerText);

  let newRow = document.createElement('tr');
  let cell1 = document.createElement('td');
  let cell2 = document.createElement('td');
  cell1.innerText = lastRow.firstElementChild.innerText;
  cell2.innerText = sum;
  newRow.appendChild(cell1);
  newRow.appendChild(cell2);
  tbody.appendChild(newRow);
}
```

Dynamic Table

Row Number	Value
1	1
2	1

Add Row

Ln 70, Col 7 Spaces: 4 UTF-8 CRLF HTML Port: 3000 Go Live

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Taskbar with icons for VS Code, File Explorer, and other applications.

System tray with date and time: 17:22 13-02-2024

JSangela.jsindex.htmlclassproject.html 1class.html

class.html > html > body > script > performOperation

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Simple Calculator</title>
7   <style>
8     input, button {
9       margin: 5px;
10    }
11  </style>
12 </head>
13 <body>
14
15   <label for="input1">Number 1:</label>
16   <input type="text" id="input1">
17
18   <label for="input2">Number 2:</label>
19   <input type="text" id="input2">
20
21   <button onclick="performOperation('+')>+</button>
22   <button onclick="performOperation('-')>-</button>
23   <button onclick="performOperation('*')>*</button>
24   <button onclick="performOperation('/')>/</button>
25
26   <p id="result">Result: </p>
27
28   <script>
29     function performOperation(operator) {
30
31       var input1 = Number.parseInt(document.getElementById('input1').value);
32       var input2 = Number.parseInt(document.getElementById('input2').value);
33
34
35       var result;
36       switch (operator) {
37         case '+':
38           result = input1 + input2;
```

Simple Calculator

http://127.0.0.1:3000/class.html

Number 1: Number 2:

+ - * /

Result: 7

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JSangela.jsindex.htmlclassproject.html 1class.html

class.html > html > body > script > performOperation

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Simple Calculator</title>
7   <style>
8     input, button {
9       margin: 5px;
10    }
11  </style>
12 </head>
13 <body>
14
15   <label for="input1">Number 1:</label>
16   <input type="text" id="input1">
17
18   <label for="input2">Number 2:</label>
19   <input type="text" id="input2">
20
21   <button onclick="performOperation('+')>+</button>
22   <button onclick="performOperation('-')>-</button>
23   <button onclick="performOperation('*')>*</button>
24   <button onclick="performOperation('/')>/</button>
25
26   <p id="result">Result: </p>
27
28   <script>
29     function performOperation(operator) {
30
31       var input1 = Number.parseInt(document.getElementById('input1').value);
32       var input2 = Number.parseInt(document.getElementById('input2').value);
33
34       var result;
35       switch (operator) {
36         case '+':
37           result = input1 + input2;
```

Simple Calculator X

http://127.0.0.1:3000/class.html

Number 1: Number 2:

+

-

*

/

Result: 3

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coding

JS angela.js index.html classproject.html 1 class.html

class.html > html > body > script > performOperation

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Simple Calculator</title>
7   <style>
8     input, button {
9       margin: 5px;
10    }
11  </style>
12 </head>
13 <body>
14
15   <label for="input1">Number 1:</label>
16   <input type="text" id="input1">
17
18   <label for="input2">Number 2:</label>
19   <input type="text" id="input2">
20
21   <button onclick="performOperation('+')>+</button>
22   <button onclick="performOperation('-')>-</button>
23   <button onclick="performOperation('*')>*</button>
24   <button onclick="performOperation('/')>/</button>
25
26   <p id="result">Result: </p>
27
28   <script>
29     function performOperation(operator) {
30
31       var input1 = Number.parseInt(document.getElementById('input1').value);
32       var input2 = Number.parseInt(document.getElementById('input2').value);
33
34       var result;
35       switch (operator) {
36         case '+':
37           result = input1 + input2;
```

Simple Calculator X

http://127.0.0.1:3000/class.html

Number 1: Number 2:

+

-

*

/

Result: 10

Port: 3000 Go Live

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JSangela.jsindex.htmlclassproject.html 1class.html

class.html > html > body > script > performOperation

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Simple Calculator</title>
7   <style>
8     input, button {
9       margin: 5px;
10    }
11  </style>
12 </head>
13 <body>
14
15   <label for="input1">Number 1:</label>
16   <input type="text" id="input1">
17
18   <label for="input2">Number 2:</label>
19   <input type="text" id="input2">
20
21   <button onclick="performOperation('+')">+</button>
22   <button onclick="performOperation('-')">-</button>
23   <button onclick="performOperation('*')">*</button>
24   <button onclick="performOperation('/')">/</button>
25
26   <p id="result">Result: </p>
27
28   <script>
29     function performOperation(operator) {
30
31       var input1 = Number.parseInt(document.getElementById('input1').value);
32       var input2 = Number.parseInt(document.getElementById('input2').value);
33
34
35       var result;
36       switch (operator) {
37         case '+':
38           result = input1 + input2;
```

Simple Calculator X

http://127.0.0.1:3000/class.html

Number 1: Number 2:

+ - * /

Result: 2.5

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coding

Tip Calculator

JS angela.js index.html classproject.html 1 class.html

class.html > html > body > div#calculator > output#tipAmount

```
43
44 for="numberOfPeople">Number of People: <span id="numberOfPeopleValue">1</span>
45 type="range" id="numberOfPeople" min="1" max="10" step="1" value="1">
46
47 for="totalAmount">Total Amount: $</label>
48 type="number" id="totalAmount" placeholder="Enter total amount">
49
50 id="tipAmount">Tip Amount: 0.00</output>
51
52 onclick="calculateTip()">Calculate Tip</button>
53
54
55
56 n calculateTip() {
57
58 tipPercentage = document.getElementById('tipPercentage').value;
59 numberOfPeople = document.getElementById('numberOfPeople').value;
60 totalAmount = parseFloat(document.getElementById('totalAmount').value);
61
62
63 tipAmount = (totalAmount * (tipPercentage / 100)) / numberOfPeople;
64
65
66 ument.getElementById('tipAmount').textContent = "Tip Amount" + tipAmount.toFi
67
68
69
70 t.getElementById('tipPercentage').addEventListener('input', function () {
71 ument.getElementById('tipPercentageValue').textContent = this.value + "%";
72
73
74 t.getElementById('numberOfPeople').addEventListener('input', function () {
75 ument.getElementById('numberOfPeopleValue').textContent = this.value;
76
77
78
79
```

http://127.0.0.1:3000/class.html

Tip Calculator

Tip Percentage: 15%

Number of People: 1

Total Amount: \$

Enter total amount

Tip Amount: 0.00

Calculate Tip

Ln 50, Col 44 Spaces: 4 UTF-8 CRLF HTML Port: 3000 Go Live

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File Edit Selection View Go Run Terminal Help

JS angela.js index.html classproject.html 1 class.html

class.html > html > body > div#calculator > output#tipAmount

```
52  onclick="calculateTip()">Calculate Tip</button>
53
54
55
56  n calculateTip() {
57
58      tipPercentage = document.getElementById('tipPercentage').value;
59      numberOfPeople = document.getElementById('numberOfPeople').value;
60      totalAmount = parseFloat(document.getElementById('totalAmount').value);
61
62
63      tipAmount = (totalAmount * (tipPercentage / 100)) / numberOfPeople;
64
65
66      ument.getElementById('tipAmount').textContent = "Tip Amount" + tipAmount.toFi
67
68
69
70      t.getElementById('tipPercentage').addEventListener('input', function () {
71      ument.getElementById('tipPercentageValue').textContent = this.value + "%";
72
73
74      t.getElementById('numberOfPeople').addEventListener('input', function () {
75      ument.getElementById('numberOfPeopleValue').textContent = this.value;
76
77
78
79
80
```

Tip Calculator X

http://127.0.0.1:3000/class.html

Tip Calculator

Tip Percentage: 15%

Number of People: 5

Total Amount: \$

560

Tip Amount16.80

Calculate Tip

Port: 3000 Go Live

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