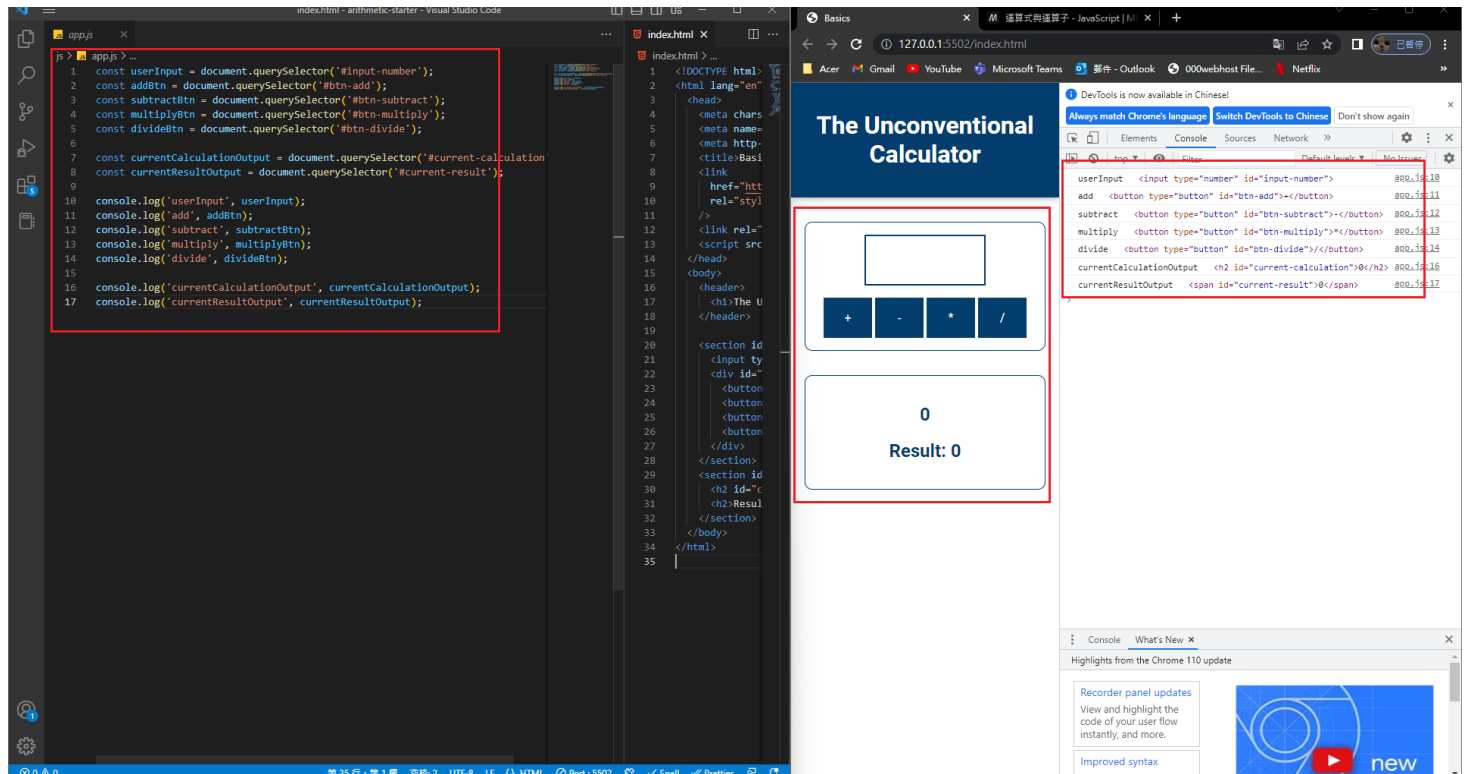


Github URL

W01-P1: 取得畫面輸入，4 個按鈕，兩個輸出，共 7 個，透過 console.log 印出



W01-P2: 能做加法計算 operand1 + operand2

The screenshot displays a web browser window with the title "The Unconventional Calculator". The interface includes a large input field containing the number "15", a set of four buttons labeled "+", "-", "*", and "/", and a display area showing the calculation "1 + 15" and the result "Result: 16". The browser's developer tools are open, showing the console with the following JavaScript code:

```
app.js:10 //console.log('userInput', userInput);
11 //console.log('add', addBtn);
12 //console.log('subtract', subtractBtn);
13 //console.log('multiply', multiplyBtn);
14 //console.log('divide', divideBtn);
15 //console.log('currentCalculationOutput', currentCalculationOutput);
16 //console.log('currentResultOutput', currentResultOutput);
17 //console.log('currentCalculationOutput', currentCalculationOutput);
18 //console.log('currentResultOutput', currentResultOutput);
19 //const buttons = document.querySelectorAll('button');
20 //console.log('buttons', buttons);
21 const defaultResult = 0;
22 let currentResult = defaultResult;
23
24 function getUserInput() {
25   return parseInt(userInput.value);
26 }
27
28 function outputResult(result, text) {
29   currentResultOutput.textContent = result;
30   currentCalculationOutput.textContent = text;
31 }
32
33 //operand1 operator operand2 0 + 5
34 function add() {
35   const operand1 = currentResult;
36   const operand2 = getUserInput();
37   currentResult = operand1 + operand2;
38   console.log(`${operand1} + ${operand2} = ${currentResult}`);
39   const calcText = `${operand1} + ${operand2}`;
40   outputResult(currentResult, calcText);
41 }
42
43 addBtn.addEventListener('click', add)
```

W01-P3: 能做減法計算 operand1 - operand2

The screenshot displays a web browser window with the title "The Unconventional Calculator". The interface includes a large input field containing the number "100", a set of four buttons labeled "+", "-", "*", and "/", and a display area showing the calculation "100 - 88" and the result "Result: 12". The browser's developer tools are open, showing the console with the following JavaScript code:

```
app.js:39 currentResult = operand1 + operand2;
40 console.log(`${operand1} + ${operand2} = ${currentResult}`);
41 const calcText = `${operand1} + ${operand2}`;
42 outputResult(currentResult, calcText);
43
44 function subtract() {
45   const operand1 = currentResult;
46   const operand2 = getUserInput();
47   currentResult = operand1 - operand2;
48   console.log(`${operand1} - ${operand2} = ${currentResult}`);
49   const calcText = `${operand1} - ${operand2}`;
50   outputResult(currentResult, calcText);
51 }
52
53 function multiply() {
54   const operand1 = currentResult;
55   const operand2 = getUserInput();
56   currentResult = operand1 * operand2;
57   console.log(`${operand1} * ${operand2} = ${currentResult}`);
58   const calcText = `${operand1} * ${operand2}`;
59   outputResult(currentResult, calcText);
60 }
61
62 function divide() {
63   const operand1 = currentResult;
64   const operand2 = getUserInput();
65   currentResult = operand1 / operand2;
66   console.log(`${operand1} / ${operand2} = ${currentResult}`);
67   const calcText = `${operand1} / ${operand2}`;
68   outputResult(currentResult, calcText);
69 }
70
71 addBtn.addEventListener('click', add)
72 subtractBtn.addEventListener('click', subtract)
73 multiplyBtn.addEventListener('click', multiply)
74 divideBtn.addEventListener('click', divide)
```

W01-P4: 能做乘法計算 operand1 * operand2

The screenshot shows a web browser window titled "The Unconventional Calculator". The address bar shows "127.0.0.1:5502/index.html". The page has a dark blue header with the title "The Unconventional Calculator". Below the header, there is a white input field containing the number "10". To the right of the input field are four buttons: "+", "-", "*", and "/". The "*" button is highlighted with a red box. Below the buttons, the text "5 * 10 Result: 50" is displayed. The browser's developer tools are open, showing the console with the following output:

```
8 + 1 = 1
1 * 5 = 5
5 * 10 = 50
```

The console also shows highlights from the Chrome 110 update, including "Recorder panel updates" and "Improved syntax".

W01-P5: 能做除法計算 operand1 / operand2

The screenshot shows a web browser window titled "The Unconventional Calculator". The address bar shows "127.0.0.1:5502/index.html". The page has a dark blue header with the title "The Unconventional Calculator". Below the header, there is a white input field containing the number "10". To the right of the input field are four buttons: "+", "-", "*", and "/". The "/" button is highlighted with a red box. Below the buttons, the text "10 / 5 Result: 2" is displayed. The browser's developer tools are open, showing the console with the following output:

```
8 + 10 = 18
10 / 5 = 2
```

The console also shows highlights from the Chrome 110 update, including "Recorder panel updates" and "Improved syntax".

W01-P6: 能做四則計算，加減乘除都要執行一遍，可任意順序，結果要正確

The image displays a web application titled "The Unconventional Calculator" running in a browser. The browser's address bar shows the URL `127.0.0.1:5502/index.html`. The page features a blue header with the title "The Unconventional Calculator". Below the header, there is a calculator interface with a display showing `180 / 18` and `Result: 10`. The interface includes buttons for numbers, operators (+, -, *, /), and a clear button. A red box highlights the calculator interface.

The background of the image shows the Visual Studio Code editor with the `app.js` file open. The code implements the calculator's logic using JavaScript. A red box highlights the code for the `add`, `subtract`, `multiply`, and `divide` functions. The code uses `currentResult` to store the result of the previous operation and `calcText` to store the current calculation text.

```
function add() {
  //operand1 operator operand2 0 + 5
  const operand1 = currentResult;
  const operand2 = getUserInput();
  currentResult = operand1 + operand2;
  console.log(`${operand1} + ${operand2} = ${currentResult}`);
  const calcText = `${operand1} + ${operand2}`;
  outputResult(currentResult, calcText);
}

function subtract() {
  const operand1 = currentResult;
  const operand2 = getUserInput();
  currentResult = operand1 - operand2;
  console.log(`${operand1} - ${operand2} = ${currentResult}`);
  const calcText = `${operand1} - ${operand2}`;
  outputResult(currentResult, calcText);
}

function multiply() {
  const operand1 = currentResult;
  const operand2 = getUserInput();
  currentResult = operand1 * operand2;
  console.log(`${operand1} * ${operand2} = ${currentResult}`);
  const calcText = `${operand1} * ${operand2}`;
  outputResult(currentResult, calcText);
}

function divide() {
  const operand1 = currentResult;
  const operand2 = getUserInput();
  currentResult = operand1 / operand2;
  console.log(`${operand1} / ${operand2} = ${currentResult}`);
  const calcText = `${operand1} / ${operand2}`;
  outputResult(currentResult, calcText);
}

addBtn.addEventListener('click', add);
subtractBtn.addEventListener('click', subtract);
multiplyBtn.addEventListener('click', multiply);
divideBtn.addEventListener('click', divide);
```