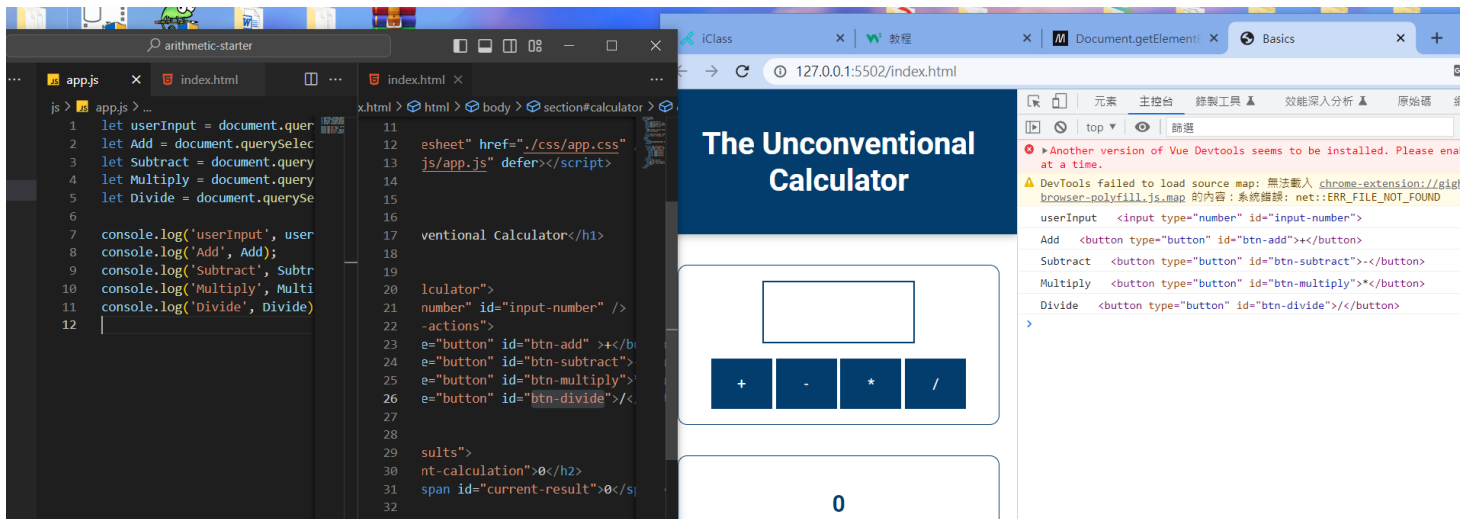
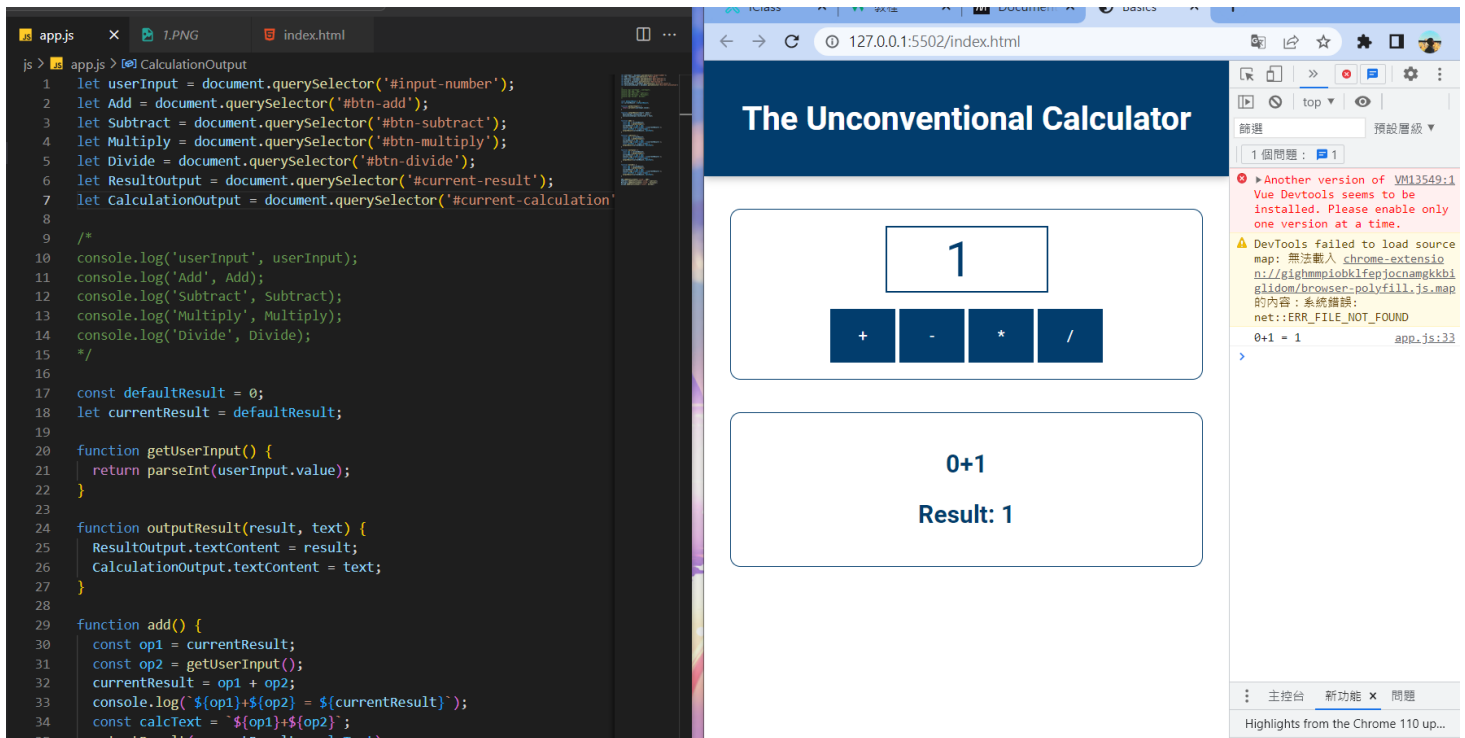


W01-P1: 取得畫面輸入，4 個按鈕，兩個輸出，共 7 個，透過 console.log 印出

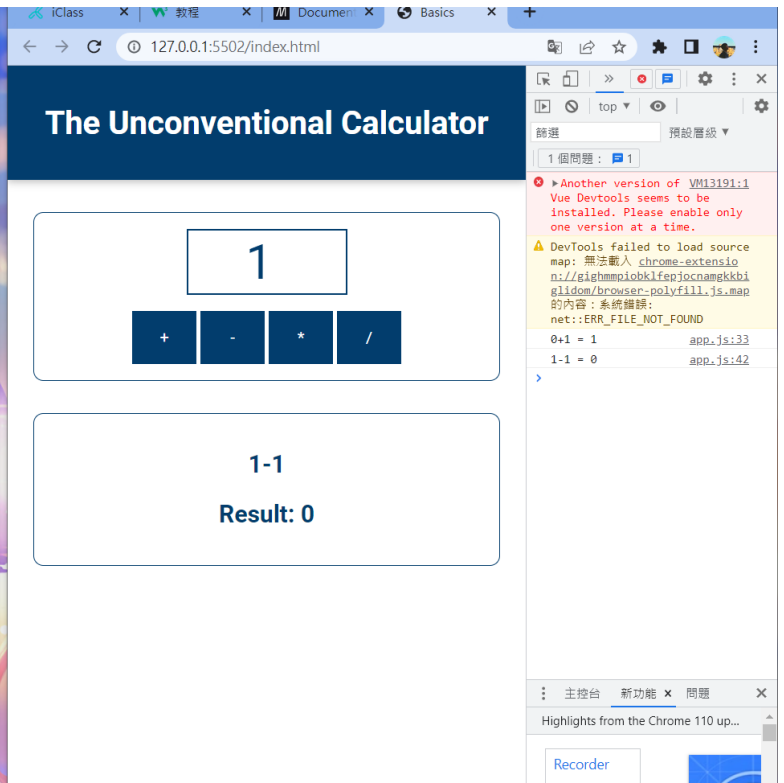


W01-P2: 能做加法計算 operand1 + operand2



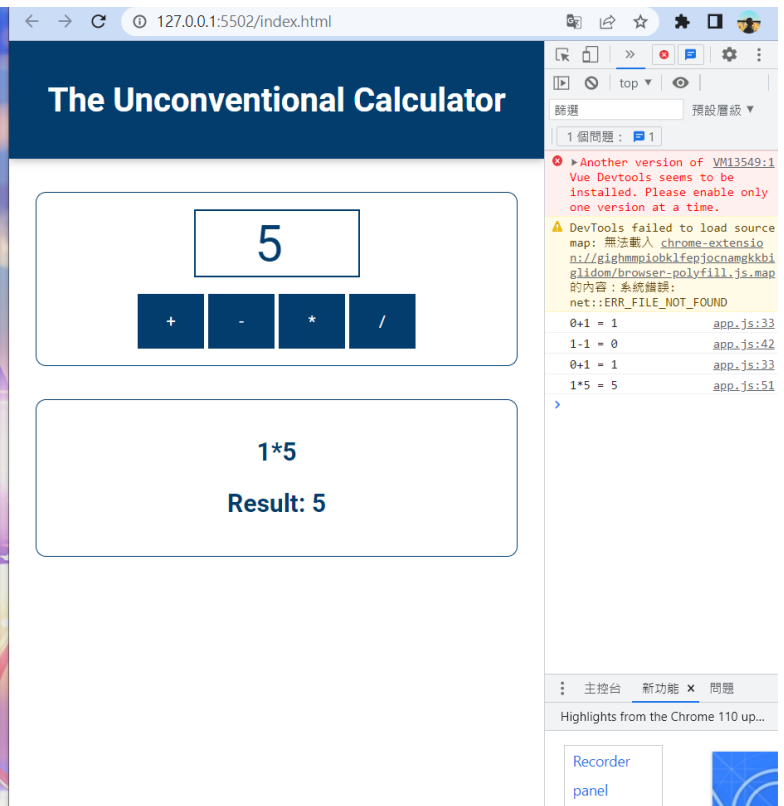
W01-P3: 能做減法計算 operand1 - operand2

```
app.js > CalculationOutput
1 let userInput = document.querySelector('#input-number');
2 let Add = document.querySelector('#btn-add');
3 let Subtract = document.querySelector('#btn-subtract');
4 let Multiply = document.querySelector('#btn-multiply');
5 let Divide = document.querySelector('#btn-divide');
6 let ResultOutput = document.querySelector('#current-result');
7 let CalculationOutput = document.querySelector('#current-calculation');
8
9 /*
10 console.log('userInput', userInput);
11 console.log('Add', Add);
12 console.log('Subtract', Subtract);
13 console.log('Multiply', Multiply);
14 console.log('Divide', Divide);
15 */
16
17 const defaultResult = 0;
18 let currentResult = defaultResult;
19
20 function getUserInput() {
21   return parseInt(userInput.value);
22 }
23
24 function outputResult(result, text) {
25   ResultOutput.textContent = result;
26   CalculationOutput.textContent = text;
27 }
28
29 function add() {
30   const op1 = currentResult;
31   const op2 = getUserInput();
32   currentResult = op1 + op2;
33   console.log(`${op1}+${op2} = ${currentResult}`);
34   const calcText = `${op1}+${op2}`;
35   outputResult(currentResult, calcText);
36 }
37
```



W01-P4: 能做乘法計算 operand1 * operand2

```
app.js > CalculationOutput
1 let userInput = document.querySelector('#input-number');
2 let Add = document.querySelector('#btn-add');
3 let Subtract = document.querySelector('#btn-subtract');
4 let Multiply = document.querySelector('#btn-multiply');
5 let Divide = document.querySelector('#btn-divide');
6 let ResultOutput = document.querySelector('#current-result');
7 let CalculationOutput = document.querySelector('#current-calculation');
8
9 /*
10 console.log('userInput', userInput);
11 console.log('Add', Add);
12 console.log('Subtract', Subtract);
13 console.log('Multiply', Multiply);
14 console.log('Divide', Divide);
15 */
16
17 const defaultResult = 0;
18 let currentResult = defaultResult;
19
20 function getUserInput() {
21   return parseInt(userInput.value);
22 }
23
24 function outputResult(result, text) {
25   ResultOutput.textContent = result;
26   CalculationOutput.textContent = text;
27 }
28
29 function add() {
30   const op1 = currentResult;
31   const op2 = getUserInput();
32   currentResult = op1 + op2;
33   console.log(`${op1}+${op2} = ${currentResult}`);
34   const calcText = `${op1}+${op2}`;
35   outputResult(currentResult, calcText);
36 }
37
```



W01-P5: 能做除法計算 operand1 / operand2

The screenshot shows a web browser displaying "The Unconventional Calculator". The interface includes a display showing "5", a row of buttons for addition (+), subtraction (-), multiplication (*), and division (/), and a result area showing "5/5" and "Result: 1". The browser's developer tools are open, showing a console with logs for user input and calculations. The code in the background is as follows:

```
js > app.js > CalculationOutput
1 let userInput = document.querySelector("#input-number");
2 let Add = document.querySelector("#btn-add");
3 let Subtract = document.querySelector("#btn-subtract");
4 let Multiply = document.querySelector("#btn-multiply");
5 let Divide = document.querySelector("#btn-divide");
6 let ResultOutput = document.querySelector("#current-result");
7 let CalculationOutput = document.querySelector("#current-calculation");
8
9 /*
10 console.log('userInput', userInput);
11 console.log('Add', Add);
12 console.log('Subtract', Subtract);
13 console.log('Multiply', Multiply);
14 console.log('Divide', Divide);
15 */
16
17 const defaultResult = 0;
18 let currentResult = defaultResult;
19
20 function getUserInput() {
21   return parseInt(userInput.value);
22 }
23
24 function outputResult(result, text) {
25   ResultOutput.textContent = result;
26   CalculationOutput.textContent = text;
27 }
28
29 function add() {
30   const op1 = currentResult;
31   const op2 = getUserInput();
32   currentResult = op1 + op2;
33   console.log(`${op1}+${op2} = ${currentResult}`);
34   const calcText = `${op1}+${op2}`;
35   outputResult(currentResult, calcText);
36 }
```

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 screenshot shows the same web application as before, but now the display shows "2" and the result area shows "4/2" and "Result: 2". The browser's developer tools are open, showing a console with logs for user input and calculations. The code in the background is as follows:

```
js > app.js > CalculationOutput
1 let userInput = document.querySelector("#input-n
2 let Add = document.querySelector("#btn-add");
3 let Subtract = document.querySelector("#btn-subs
4 let Multiply = document.querySelector("#btn-mult
5 let Divide = document.querySelector("#btn-divide
6 let ResultOutput = document.querySelector("#curr
7 let CalculationOutput = document.querySelector("#
8
9 /*
10 console.log('userInput', userInput);
11 console.log('Add', Add);
12 console.log('Subtract', Subtract);
13 console.log('Multiply', Multiply);
14 console.log('Divide', Divide);
15 */
16
17 const defaultResult = 0;
18 let currentResult = defaultResult;
19
20 function getUserInput() {
21   return parseInt(userInput.value);
22 }
23
24 function outputResult(result, text) {
25   ResultOutput.textContent = result;
26   CalculationOutput.textContent = text;
27 }
28
29 function add() {
30   const op1 = currentResult;
31   const op2 = getUserInput();
32   currentResult = op1 + op2;
33   console.log(`${op1}+${op2} = ${currentResult}`);
34   const calcText = `${op1}+${op2}`;
35   outputResult(currentResult, calcText);
36 }
```