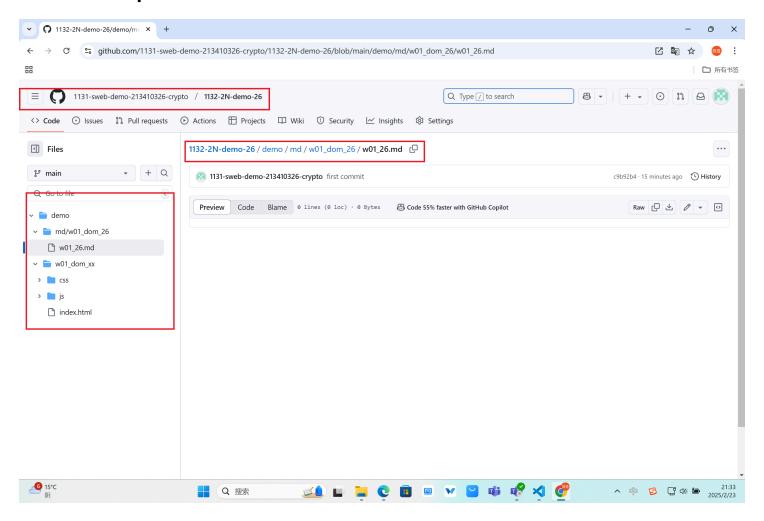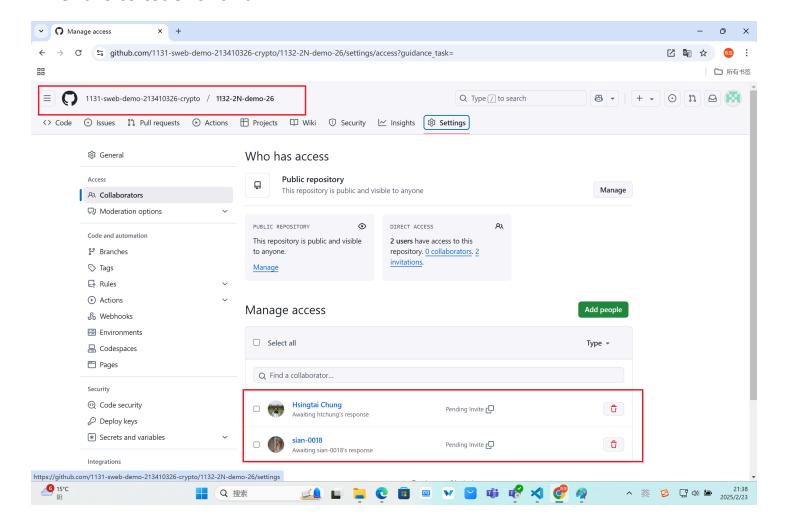# W01-P1: Create a Github repo for 1132 semester

=> Github repo

=> share to teacher and TA

871420f 1131-sweb-demo21341032   Sun Feb 23 21:45:53 2025 +0800   W01-P1: Create a Github rep

W01-P2: implement add button


```js
const userInput = document.querySelector('.input-number');
const addBtn = document.querySelector('.btn-add');

const currentResultOutput = document.querySelector('.current-result');
const currentCalculationOutput = document.querySelector('.current-calcu
const defaultResult = 0;
let currentResult = defaultResult;

console.log('userInput', userInput);
console.log('addBtn',addBtn);
console.log('currentResultOutput', currentResultOutput)

function getUserInput(){
    return parseInt(userInput.value);
}

function add(){
    const operand1 = currentResult;
    const operand2 = getUserInput();
    currentResult = operand1 + operand2;
    currentResultOutput.textContent = currentResult;
    const calText = `${operand1} + ${operand2}`;
    console.log('calText: ', calText);
    currentCalculationOutput.textContent = calText;
}

addBtn.addEventListener('click', add);
```

W01-P3: implement divide button


```js
const userInput = document.querySelector('.input-number');
const addBtn = document.querySelector('.btn-add');
const divideBtn = document.querySelector('.btn-divide');

const currentResultOutput = document.querySelector('.current-result');
const currentCalculationOutput = document.querySelector('.current-calculation');
const defaultResult = 0;
let currentResult = defaultResult;

console.log('userInput', userInput);
console.log('addBtn', addBtn);
console.log('currentResultOutput', currentResultOutput);

function getUserInput() {
    return parseInt(userInput.value);
}

function outputResult(result, text) {
    currentCalculationOutput.textContent = text;
    currentResultOutput.textContent = result;
}

function add() {
    const operand1 = parseFloat(currentResult);
    const operand2 = getUserInput();
    currentResult = operand1 + operand2;
    const calText = `${operand1} + ${operand2}`;
    console.log(`${calText} = ${currentResult}`);
    outputResult(currentResult, calText);
}

addBtn.addEventListener('click', add);

function divide() {
    const operand1 = parseFloat(currentResult);
    const operand2 = getUserInput();
    if (operand2 === 0) {
        alert('cannot divide by 0');
    } else {
        currentResult = (operand1 / operand2).toFixed(2);
        const calText = `${operand1} / ${operand2}`;
        console.log(`${calText} = ${currentResult}`);
        outputResult(currentResult, calText);
    }
}

divideBtn.addEventListener('click', divide);
```

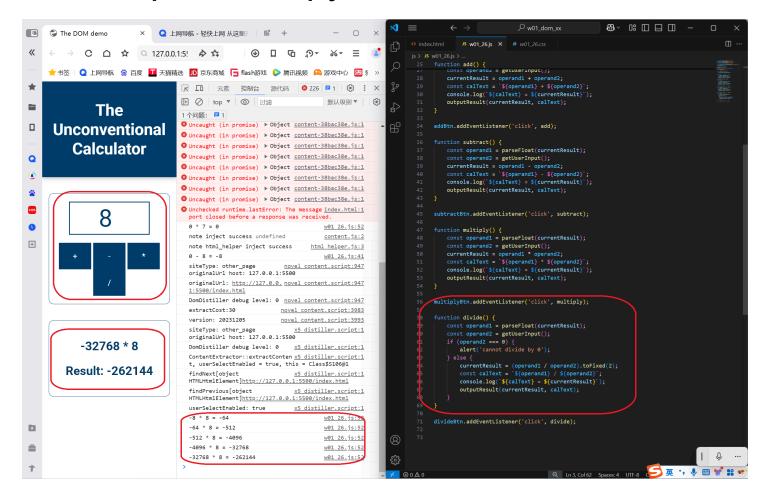55a3e14 1131-sweb-demo21341032   Mon Feb 24 13:45:46 2025 +0800   W01-P3: implement divide button

W01-P4: implement subtract button


```javascript
    }

    function add() {
        const operand1 = parseFloat(currentResult);
        const operand2 = getUserInput();
        currentResult = operand1 + operand2;
        const calText = `${operand1} + ${operand2}`;
        console.log(`${calText} = ${currentResult}`);
        outputResult(currentResult, calText);
    }

    addBtn.addEventListener('click', add);

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

    subtractBtn.addEventListener('click', subtract);

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

    multiplyBtn.addEventListener('click', multiply);

    function divide() {
        const operand1 = parseFloat(currentResult);
        const operand2 = getUserInput();
        if (operand2 === 0) {
            alert('cannot divide by 0');
        } else {
            currentResult = (operand1 / operand2).toFixed(2);
            const calText = `${operand1} / ${operand2}`;
            console.log(`${calText} = ${currentResult}`);
            outputResult(currentResult, calText);
        }
    }

    divideBtn.addEventListener('click', divide);
```

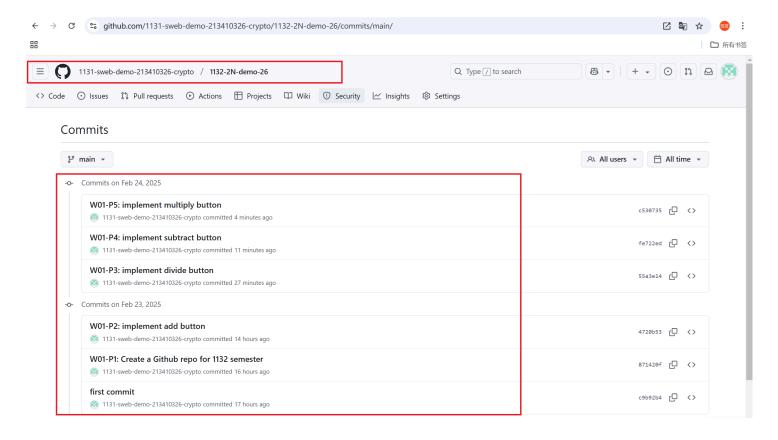fe722ed 1131-sweb-demo21341032   Mon Feb 24 14:02:08 2025 +0800   W01-P4: implement subtract butto

W01-P5: implement multiply button


```js
        const operand2 = getUserInput();
        currentResult = operand1 + operand2;
        const calText = `${operand1} + ${operand2}`;
        console.log(`${calText} = ${currentResult}`);
        outputResult(currentResult, calText);
}

addBtn.addEventListener('click', add);

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

subtractBtn.addEventListener('click', subtract);

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

multiplyBtn.addEventListener('click', multiply);

function divide() {
        const operand1 = parseFloat(currentResult);
        const operand2 = getUserInput();
        if (operand2 === 0) {
            alert('cannot divide by 0');
        } else {
            currentResult = (operand1 / operand2).toFixed(2);
            const calText = `${operand1} / ${operand2}`;
            console.log(`${calText} = ${currentResult}`);
            outputResult(currentResult, calText);
        }
}

divideBtn.addEventListener('click', divide);
```

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W01-logs: git logs of W01


```
76000e5 1131-sweb-demo21341032  Mon Feb 24 14:16:01 2025 +0800  W01-logs: git logs of W01
```