Task 5

ITI

Full Stack

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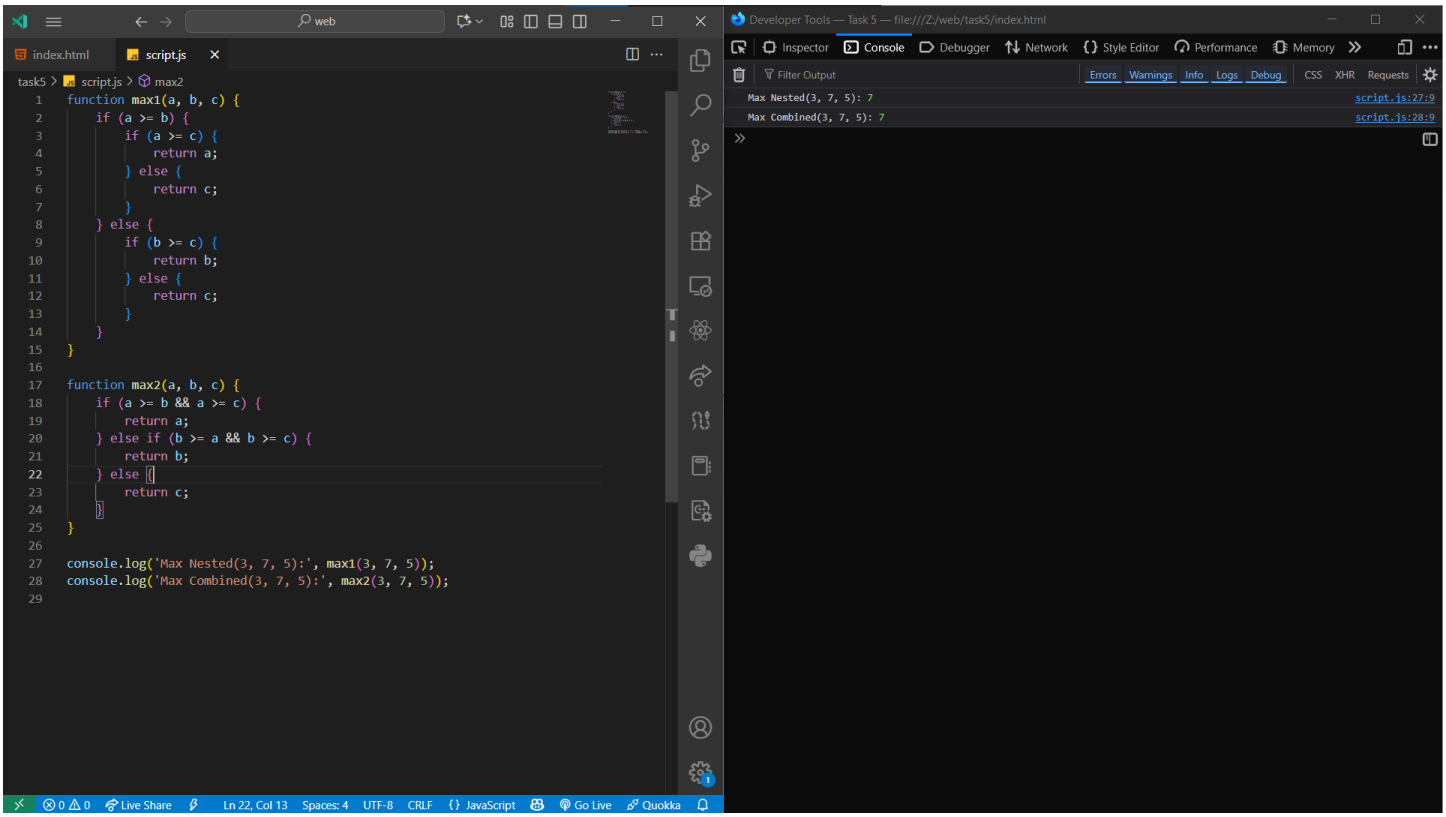
Maximum number of three



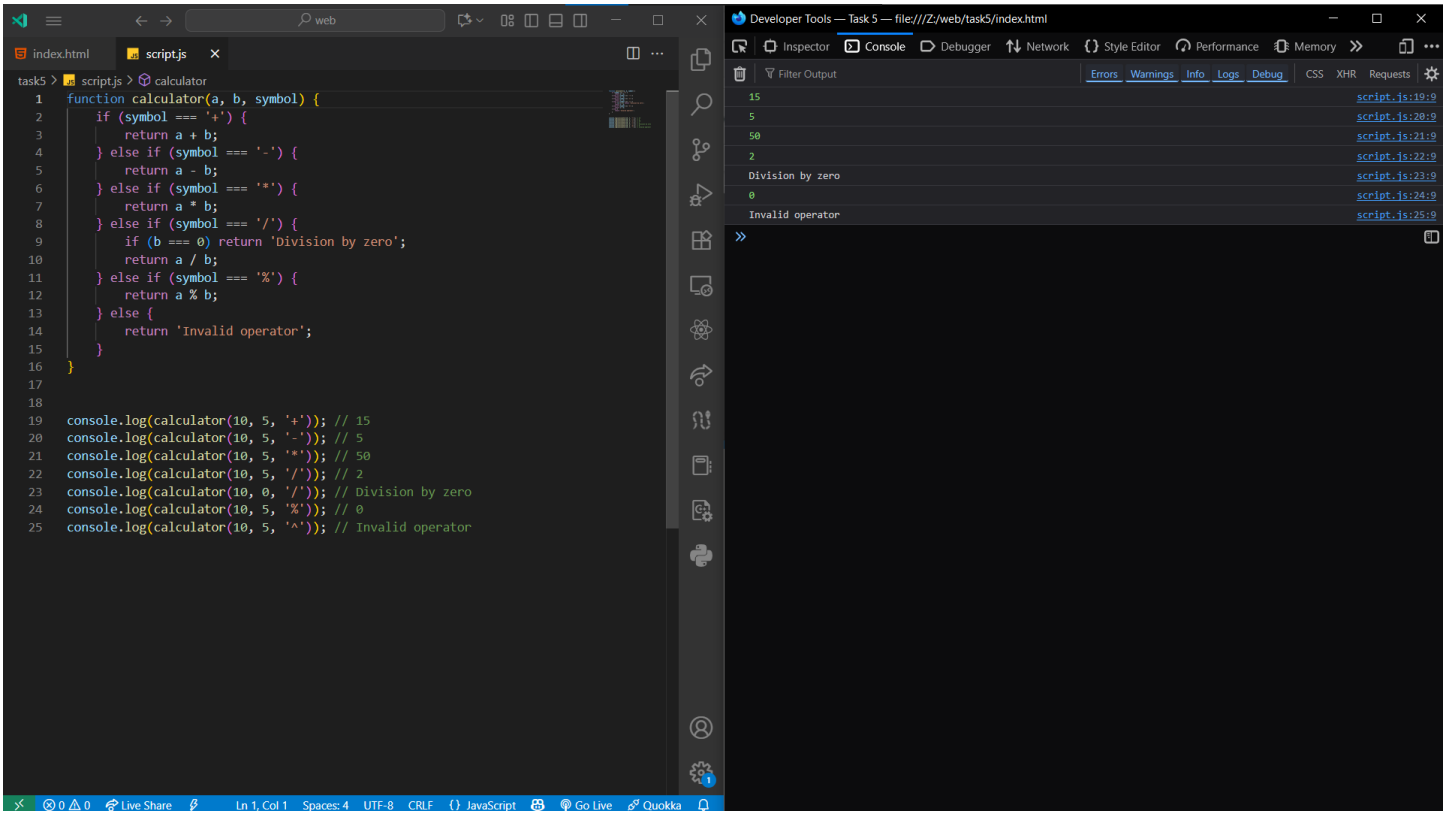
```
function max1(a, b, c) {
    if (a >= b) {
        if (a >= c) {
            return a;
        } else {
            return c;
        }
    } else {
        if (b >= c) {
            return b;
        } else {
            return c;
        }
    }
}

function max2(a, b, c) {
    if (a >= b && a >= c) {
        return a;
    } else if (b >= a && b >= c) {
        return b;
    } else {
        return c;
    }
}

console.log('Max Nested(3, 7, 5):', max1(3, 7, 5));
console.log('Max Combined(3, 7, 5):', max2(3, 7, 5));
```

```
Max Nested(3, 7, 5): 7
Max Combined(3, 7, 5): 7
```

Calculator with if else



```
function calculator(a, b, symbol) {
    if (symbol === '+') {
        return a + b;
    } else if (symbol === '-') {
        return a - b;
    } else if (symbol === '*') {
        return a * b;
    } else if (symbol === '/') {
        if (b === 0) return 'Division by zero';
        return a / b;
    } else if (symbol === '%') {
        return a % b;
    } else {
        return 'Invalid operator';
    }
}


console.log(calculator(10, 5, '+')); // 15
console.log(calculator(10, 5, '-')); // 5
console.log(calculator(10, 5, '*')); // 50
console.log(calculator(10, 5, '/')); // 2
console.log(calculator(10, 0, '/')); // Division by zero
console.log(calculator(10, 5, '%')); // 0
console.log(calculator(10, 5, '^')); // Invalid operator
```

```
15
5
50
2
Division by zero
0
Invalid operator
```