Task 4

ITI

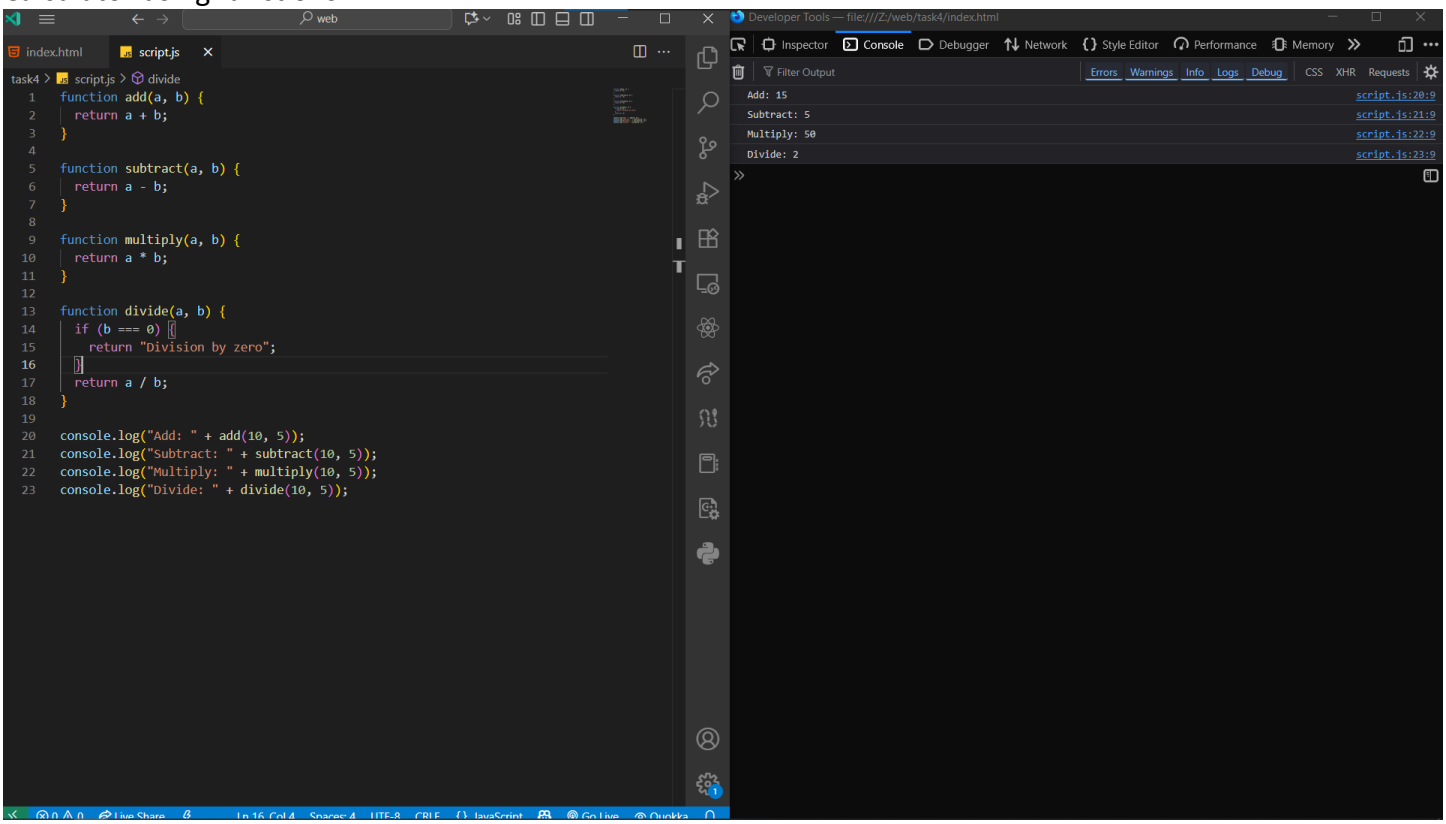
Full Stack

—

Mohamed Salem Mohamed Soliman

—

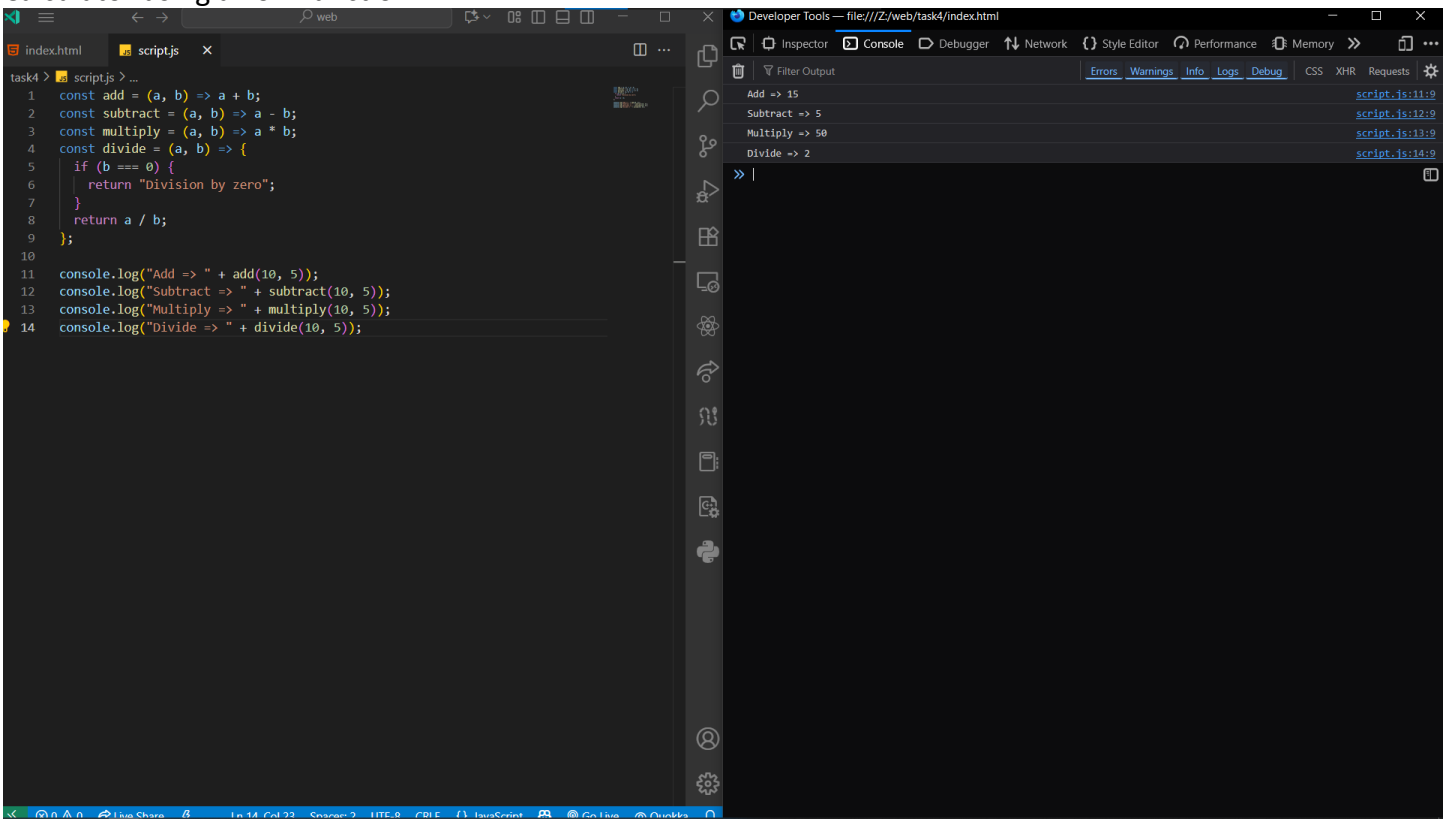
Calculator using functions



```
function add(a, b) {
  return a + b;
}

function subtract(a, b) {
  return a - b;
}

function multiply(a, b) {
  return a * b;
}

function divide(a, b) {
  if (b === 0) {
    return "Division by zero";
  }
  return a / b;
}

console.log("Add: " + add(10, 5));
console.log("Subtract: " + subtract(10, 5));
console.log("Multiply: " + multiply(10, 5));
console.log("Divide: " + divide(10, 5));
```

```
Add: 15
Subtract: 5
Multiply: 50
Divide: 2
```

Calculator using arrow function



```
const add = (a, b) => a + b;
const subtract = (a, b) => a - b;
const multiply = (a, b) => a * b;
const divide = (a, b) => {
  if (b === 0) {
    return "Division by zero";
  }
  return a / b;
};

console.log("Add => " + add(10, 5));
console.log("Subtract => " + subtract(10, 5));
console.log("Multiply => " + multiply(10, 5));
console.log("Divide => " + divide(10, 5));
```

```
Add => 15
Subtract => 5
Multiply => 50
Divide => 2
```

Practice Exercises

1. Define a variable with your name and print 'Hello [name]'.
2. Create a function that takes two numbers and prints their sum.
3. Create a function that takes a student's name and grade, then prints a pass/fail message.
4. Use an arrow function to square a number.
5. Try using let/const inside a function and test access outside.