Week 1 Portfolio
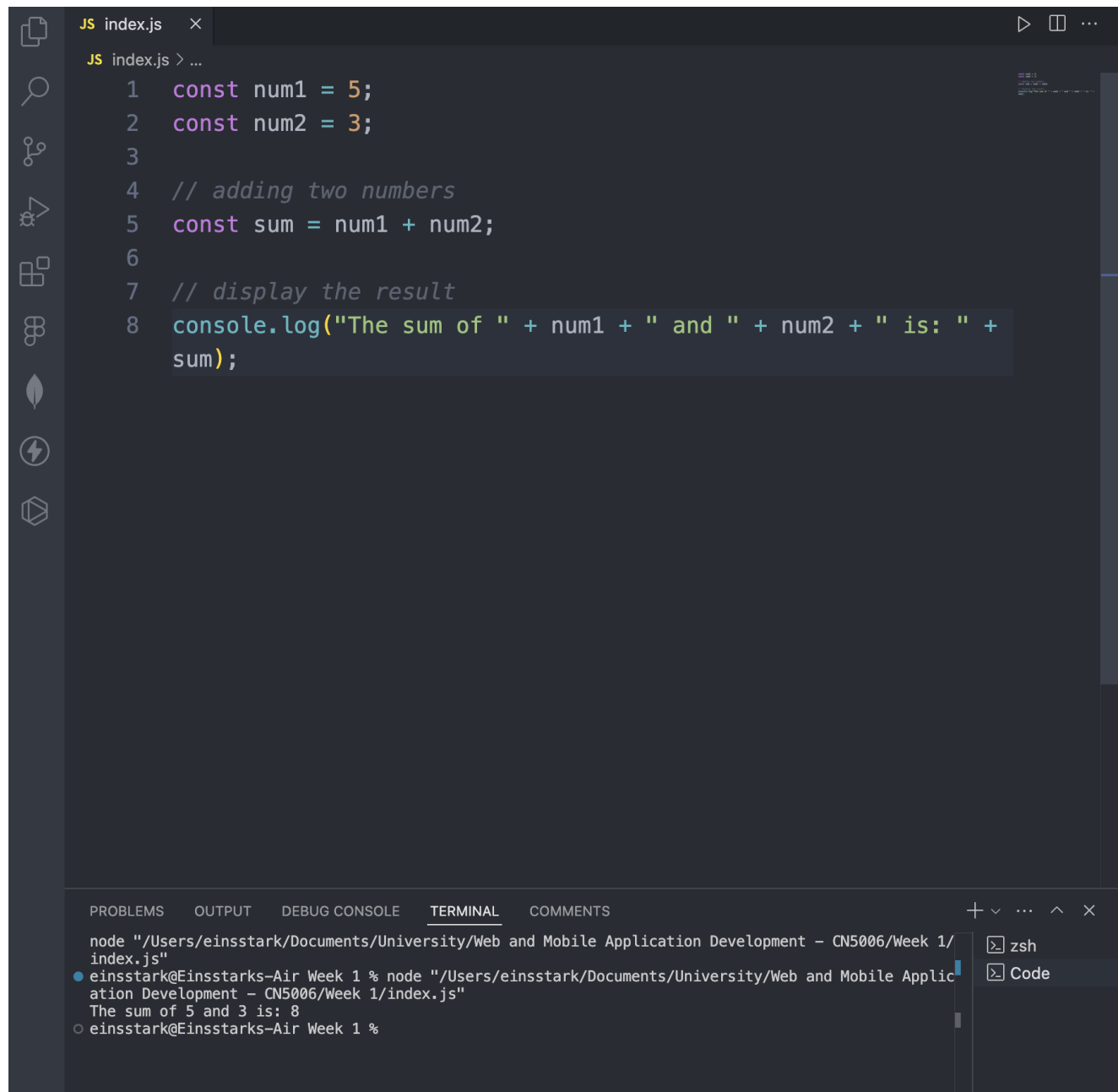
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1. Screenshots

Program to add two numbers and print result in console:

Program that can perform addition, subtraction, multiplication, and division of two numbers:

```javascript
const ps = require("prompt-sync");
const prompt = ps();

let num1 = prompt("Enter the num1: ");
let num2 = prompt("Enter the numb2: ");

const sum = num1 + num2;
const subtraction = num1 - num2;
const multiplication = num1 * num2;
const division = num1 / num2;

// display the output
console.log('The sum  is ' + sum);
console.log('The subtraction of is ' + subtraction);
console.log('The multiplication of numbers is ' +
multiplication);
console.log('The division of numbers is ' + division);
```

```
node "/Users/einsstark/Documents/University/Web and Mobile Application Development - CN5006/Week 1/index.js"
einsstark@Einsstarks-Air Week 1 % node "/Users/einsstark/Documents/University/Web and Mobile Application Developmen
t - CN5006/Week 1/index.js"
Enter the num1: 23
Enter the numb2: 25
The sum  is 2325
The subtraction of is -2
The multiplication of numbers is 575
The division of numbers is 0.92
einsstark@Einsstarks-Air Week 1 %
```

2. Reflection

In week 1 lab, I learned how to set up a JavaScript development environment using Visual Studio Code and Node.js. It was my first experience writing JavaScript code, which made me very excited. As per the instructions I practiced operations such as addition.

I also worked on a program that performs addition, subtraction, multiplication, and division with two numbers (as in screenshot above). This exercise helped me better understand the logic behind using user input and applying operations dynamically. Overall, I feel more

confident in using JavaScript and Visual Studio Code, especially understanding how to navigate directories and execute programs in the terminal using terminal commands.